

ภาคผนวก ง.1

ใบรับรองผลการตรวจวิเคราะห์ คุณภาพอากาศในบรรยากาศ



บริษัท ซีคอต จำกัด
SECOT CO., LTD.

239 ถนนริมคลองประปา แขวงบางซื่อ เขตบางซื่อ กรุงเทพฯ 10800
239 RIMKLONGPRAPA ROAD, BANGSUE, BANGKOK 10800, THAILAND
TEL : +66(0) 2959-3600 FAX : +66(0) 2959-3535 E-mail : envserv@secot.co.th

AMBIENT AIR QUALITY ANALYSIS REPORT

CLIENT NAME : R E N Korat Energy Co., Ltd. REFERENCE NO. : 225046-Amb-2511-0064
SAMPLING BY : SECOT Co., Ltd. SAMPLING DATE : 21-28/11/2025
RECEIVED DATE : 03/12/2025 ANALYTICAL DATE : 04-08/12/2025
REPORT DATE : 12/12/2025 SAMPLE CONDITION : Normal
SITE OPERATOR : Mr. Sittichai Sawangwongchai
STATION DESCRIPTION : 1. Santi Silaram Temple 3. Nong Bon Temple
2. Banna Klang School 4. Nong Takai Temple

PARAMETER	SAMPLING DATE	UNITS	RESULTS				STANDARD*	REFERENCE METHODS
			1	2	3	4		
TSP (24 hr.)	21-22/11/2025	mg/m ³	0.016	0.022	0.017	0.014	0.330	High Volume
	22-23/11/2025	mg/m ³	0.022	0.018	0.020	0.018		Air Sampler/
	23-24/11/2025	mg/m ³	0.017	0.025	0.019	0.016		Gravimetric Method
	24-25/11/2025	mg/m ³	0.019	0.024	0.019	0.016		
	25-26/11/2025	mg/m ³	0.024	0.027	0.029	0.023		
	26-27/11/2025	mg/m ³	0.020	0.026	0.024	0.024		
	27-28/11/2025	mg/m ³	0.030	0.035	0.041	0.026		

Bongpa Budthum

(Miss Pornnapa Budthum)

Analyst

Mainis Poowasanpetch

(Miss Narisa Poowasanpetch)

Technical Management Team

Remark : 1. Reported analysis refers to submitted sample only.

2. This report shall not be reproduced, except in full, without official approval.

3. * Notification of the National Environment Board, No.24, B.E.2547.



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STATION DESCRIPTION : 1. Santi Silaram Temple 3. Nong Bon Temple
2. Banna Klang School 4. Nong Takai Temple

PARAMETER	SAMPLING DATE	UNITS	RESULTS				STANDARD*	REFERENCE METHODS
			1	2	3	4		
PM-10 (24 hr.)	21-22/11/2025	mg/m ³	0.006	0.009	0.013	0.008	0.120	High Volume
	22-23/11/2025	mg/m ³	0.008	0.015	0.017	0.012		Air Sampler/
	23-24/11/2025	mg/m ³	0.006	0.016	0.017	0.012		(Hi-Vol PM-10
	24-25/11/2025	mg/m ³	0.006	0.012	0.016	0.011		Size Selective Inlet/
	25-26/11/2025	mg/m ³	0.008	0.022	0.025	0.014		Gravimetric Method
	26-27/11/2025	mg/m ³	0.007	0.018	0.022	0.014		
	27-28/11/2025	mg/m ³	0.010	0.024	0.037	0.017		

Bongpa Budthum

(Miss Pornnapa Budthum)

Analyst

Mainis Poowasanpetch

(Miss Narisa Poowasanpetch)

Technical Management Team

Remark : 1. Reported analysis refers to submitted sample only.

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3. * Notification of the National Environment Board, No.24, B.E.2547.



Ambient Air Monitoring Results : Nitrogen dioxide MTR-REN Operation

Location : Santi Silaram Temple	Monitor Period : 21-28 Nov 2025
Analyzer Model : API 200A	Station No : Shelter 17
Serial No : 074	Site Operator : Mr. Sittichai Sawangwongchai

Calibrator Model : Teledyne 700E	Serial No : 587
Calibration Gas Cylinder I.D.: EB0102326	
Certified Date : 10 Jan 2025	Cal Concentration (ppb) : 0,100,200,400
Expire Date : 09 Jan 2026	

Time	NO2 Concentration (ppm)						
	21-22 Nov 2025	22-23 Nov 2025	23-24 Nov 2025	24-25 Nov 2025	25-26 Nov 2025	26-27 Nov 2025	27-28 Nov 2025
09:00 - 10:00	0.0038	0.0036	0.0045	0.0060	0.0092	0.0057	0.0086
10:00 - 11:00	0.0030	0.0088	0.0044	0.0040	0.0070	0.0071	0.0065
11:00 - 12:00	0.0046	0.0070	0.0050	0.0044	0.0075	0.0050	0.0041
12:00 - 13:00	0.0055	0.0087	0.0058	0.0057	0.0071	0.0078	0.0043
13:00 - 14:00	0.0061	0.0084	0.0053	0.0089	0.0065	0.0072	0.0086
14:00 - 15:00	0.0052	0.0088	0.0064	0.0046	0.0067	0.0071	0.0049
15:00 - 16:00	0.0040	0.0053	0.0031	0.0042	0.0063	0.0076	0.0077
16:00 - 17:00	0.0076	0.0058	0.0070	0.0035	0.0072	0.0079	0.0079
17:00 - 18:00	0.0068	0.0067	0.0061	0.0079	0.0063	0.0055	0.0061
18:00 - 19:00	0.0065	0.0067	0.0047	0.0081	0.0067	0.0057	0.0060
19:00 - 20:00	0.0050	0.0077	0.0064	0.0066	0.0087	0.0041	0.0048
20:00 - 21:00	0.0073	0.0078	0.0050	0.0072	0.0071	0.0083	0.0053
21:00 - 22:00	0.0089	0.0076	0.0063	0.0075	0.0062	0.0043	0.0040
22:00 - 23:00	0.0090	0.0083	0.0066	0.0058	0.0061	0.0043	0.0078
23:00 - 00:00	0.0064	0.0063	0.0065	0.0063	0.0047	0.0082	0.0068
00:00 - 01:00	0.0063	0.0061	0.0055	0.0072	0.0052	0.0037	0.0053
01:00 - 02:00	0.0081	0.0067	0.0043	0.0038	0.0055	0.0058	0.0056
02:00 - 03:00	0.0056	0.0057	0.0087	0.0048	0.0057	0.0046	0.0049
03:00 - 04:00	0.0078	0.0066	0.0077	0.0057	0.0052	0.0061	0.0042
04:00 - 05:00	0.0086	0.0042	0.0074	0.0082	0.0065	0.0090	0.0088
05:00 - 06:00	0.0067	0.0048	0.0062	0.0038	0.0080	0.0091	0.0067
06:00 - 07:00	0.0070	0.0042	0.0074	0.0041	0.0054	0.0059	0.0086
07:00 - 08:00	0.0060	0.0061	0.0045	0.0078	0.0037	0.0041	0.0079
08:00 - 09:00	0.0033	0.0061	0.0071	0.0071	0.0059	0.0043	0.0066

Average-24Hr*	0.0062	0.0066	0.0059	0.0059	0.0064	0.0062	0.0061
Max-1Hr	0.0090	0.0088	0.0087	0.0082	0.0092	0.0091	0.0086
Min-1Hr	0.0030	0.0036	0.0031	0.0035	0.0037	0.0037	0.0040

Standard-1Hr	0.17 ppm(320 ug/cu.m)						
Standard-24Hr	-						

Remark : * Average time between 09:00-09:00

(Miss Katesarin Vorradetwittaya)
Environmental Scientist

(Miss Preeda Somjai)
Technical Management Team



Ambient Air Monitoring Results : Nitrogen dioxide MTR-REN Operation

Location : Banna Klang School	Monitor Period : 21-28 Nov 2025
Analyzer Model : API 200A	Station No : Shelter 14
Serial No : 2385	Site Operator : Mr. Sittichai Sawangwongchai

Calibrator Model : Teledyne 700E	Serial No : 587
Calibration Gas Cylinder I.D.: EB0102326	
Certified Date : 10 Jan 2025	Cal Concentration (ppb) : 0,100,200,400
Expire Date : 09 Jan 2026	

Time	NO2 Concentration (ppm)						
	21-22 Nov 2025	22-23 Nov 2025	23-24 Nov 2025	24-25 Nov 2025	25-26 Nov 2025	26-27 Nov 2025	27-28 Nov 2025
10:00 - 11:00	0.0096	0.0055	0.0078	0.0107	0.0073	0.0079	0.0066
11:00 - 12:00	0.0077	0.0044	0.0088	0.0105	0.0090	0.0038	0.0096
12:00 - 13:00	0.0078	0.0082	0.0090	0.0078	0.0032	0.0105	0.0099
13:00 - 14:00	0.0078	0.0085	0.0105	0.0066	0.0087	0.0050	0.0065
14:00 - 15:00	0.0085	0.0086	0.0070	0.0053	0.0091	0.0042	0.0037
15:00 - 16:00	0.0053	0.0091	0.0075	0.0076	0.0077	0.0097	0.0085
16:00 - 17:00	0.0046	0.0086	0.0056	0.0081	0.0088	0.0031	0.0061
17:00 - 18:00	0.0057	0.0063	0.0103	0.0077	0.0037	0.0099	0.0101
18:00 - 19:00	0.0061	0.0086	0.0063	0.0061	0.0032	0.0123	0.0041
19:00 - 20:00	0.0071	0.0096	0.0076	0.0045	0.0054	0.0100	0.0088
20:00 - 21:00	0.0051	0.0119	0.0071	0.0100	0.0080	0.0086	0.0063
21:00 - 22:00	0.0038	0.0056	0.0098	0.0077	0.0091	0.0065	0.0097
22:00 - 23:00	0.0057	0.0091	0.0076	0.0052	0.0089	0.0032	0.0059
23:00 - 00:00	0.0056	0.0097	0.0083	0.0064	0.0067	0.0076	0.0062
00:00 - 01:00	0.0072	0.0058	0.0065	0.0073	0.0050	0.0092	0.0097
01:00 - 02:00	0.0042	0.0051	0.0063	0.0063	0.0100	0.0042	0.0065
02:00 - 03:00	0.0060	0.0072	0.0049	0.0038	0.0077	0.0060	0.0070
03:00 - 04:00	0.0082	0.0035	0.0098	0.0041	0.0091	0.0089	0.0100
04:00 - 05:00	0.0081	0.0068	0.0101	0.0089	0.0110	0.0037	0.0050
05:00 - 06:00	0.0049	0.0069	0.0032	0.0095	0.0072	0.0106	0.0063
06:00 - 07:00	0.0066	0.0067	0.0075	0.0108	0.0085	0.0092	0.0076
07:00 - 08:00	0.0060	0.0093	0.0039	0.0059	0.0071	0.0061	0.0038
08:00 - 09:00	0.0098	0.0094	0.0082	0.0113	0.0072	0.0056	0.0070
09:00 - 10:00	0.0106	0.0061	0.0102	0.0108	0.0066	0.0078	0.0081

Average-24Hr*	0.0068	0.0075	0.0077	0.0076	0.0074	0.0072	0.0072
Max-1Hr	0.0106	0.0119	0.0105	0.0113	0.0110	0.0123	0.0101
Min-1Hr	0.0038	0.0035	0.0032	0.0038	0.0032	0.0031	0.0037

Standard-1Hr	0.17 ppm(320 ug/cu.m)						
Standard-24Hr	-						

Remark : * Average time between 10:00-10:00

(Miss Katesarin Vorradetwittaya)
Environmental Scientist

(Miss Preeda Somjai)
Technical Management Team



Ambient Air Monitoring Results : Nitrogen dioxide MTR-REN Operation

Location : Nong Bon Temple Monitor Period : 21-28 Nov 2025
Analyzer Model : API 200A Station No : Shelter 16
Serial No : 096 Site Operator : Mr. Sittichai Sawangwongchai

Calibrator Model : Teledyne 700E Serial No : 587
Calibration Gas Cylinder I.D.: EB0102326
Certified Date : 10 Jan 2025 Cal Concentration (ppb) : 0,100,200,400
Expire Date : 09 Jan 2026

Time	NO2 Concentration (ppm)						
	21-22 Nov 2025	22-23 Nov 2025	23-24 Nov 2025	24-25 Nov 2025	25-26 Nov 2025	26-27 Nov 2025	27-28 Nov 2025
11:00 - 12:00	0.0125	0.0073	0.0071	0.0066	0.0103	0.0124	0.0106
12:00 - 13:00	0.0081	0.0090	0.0095	0.0043	0.0122	0.0088	0.0051
13:00 - 14:00	0.0086	0.0106	0.0113	0.0051	0.0076	0.0110	0.0111
14:00 - 15:00	0.0114	0.0048	0.0104	0.0118	0.0071	0.0052	0.0107
15:00 - 16:00	0.0080	0.0107	0.0073	0.0036	0.0094	0.0079	0.0097
16:00 - 17:00	0.0052	0.0102	0.0100	0.0043	0.0056	0.0085	0.0122
17:00 - 18:00	0.0080	0.0109	0.0086	0.0071	0.0047	0.0043	0.0048
18:00 - 19:00	0.0078	0.0102	0.0094	0.0114	0.0087	0.0114	0.0097
19:00 - 20:00	0.0058	0.0045	0.0055	0.0068	0.0056	0.0086	0.0071
20:00 - 21:00	0.0072	0.0057	0.0039	0.0110	0.0075	0.0092	0.0102
21:00 - 22:00	0.0062	0.0078	0.0075	0.0043	0.0071	0.0100	0.0100
22:00 - 23:00	0.0039	0.0112	0.0040	0.0101	0.0091	0.0100	0.0085
23:00 - 00:00	0.0094	0.0063	0.0083	0.0056	0.0096	0.0053	0.0124
00:00 - 01:00	0.0109	0.0120	0.0104	0.0054	0.0115	0.0076	0.0040
01:00 - 02:00	0.0080	0.0104	0.0049	0.0052	0.0032	0.0082	0.0070
02:00 - 03:00	0.0080	0.0086	0.0090	0.0123	0.0023	0.0063	0.0094
03:00 - 04:00	0.0054	0.0087	0.0085	0.0067	0.0093	0.0075	0.0073
04:00 - 05:00	0.0116	0.0117	0.0095	0.0101	0.0093	0.0081	0.0114
05:00 - 06:00	0.0063	0.0070	0.0043	0.0108	0.0116	0.0042	0.0066
06:00 - 07:00	0.0096	0.0064	0.0090	0.0071	0.0052	0.0056	0.0047
07:00 - 08:00	0.0084	0.0091	0.0044	0.0116	0.0071	0.0075	0.0095
08:00 - 09:00	0.0046	0.0107	0.0071	0.0025	0.0117	0.0093	0.0076
09:00 - 10:00	0.0073	0.0064	0.0047	0.0104	0.0088	0.0119	0.0098
10:00 - 11:00	0.0104	0.0101	0.0088	0.0092	0.0042	0.0058	0.0087
Average-24Hr*	0.0080	0.0088	0.0076	0.0076	0.0079	0.0080	0.0088
Max-1Hr	0.0125	0.0120	0.0113	0.0123	0.0122	0.0124	0.0124
Min-1Hr	0.0039	0.0045	0.0039	0.0025	0.0023	0.0042	0.0040
Standard-1Hr	0.17 ppm(320 ug/cu.m)						
Standard-24Hr							

Remark : * Average time between 11:00-11:00

(Miss Katesarin Vorradetwittaya)
Environmental Scientist

Preeda S.
(Miss Preeda Somjai)
Technical Management Team



Ambient Air Monitoring Results : Nitrogen dioxide MTR-REN Operation

Location : Nong Takai Temple Monitor Period : 21-28 Nov 2025
Analyzer Model : API 200A Station No : Shelter 15
Serial No : 2386 Site Operator : Mr. Sittichai Sawangwongchai

Calibrator Model : Teledyne 700E Serial No : 587
Calibration Gas Cylinder I.D.: EB0102326
Certified Date : 10 Jan 2025 Cal Concentration (ppb) : 0,100,200,400
Expire Date : 09 Jan 2026

Time	NO2 Concentration (ppm)						
	21-22 Nov 2025	22-23 Nov 2025	23-24 Nov 2025	24-25 Nov 2025	25-26 Nov 2025	26-27 Nov 2025	27-28 Nov 2025
13:00 - 14:00	0.0097	0.0087	0.0088	0.0064	0.0079	0.0085	0.0094
14:00 - 15:00	0.0094	0.0081	0.0046	0.0047	0.0060	0.0063	0.0081
15:00 - 16:00	0.0057	0.0089	0.0094	0.0088	0.0098	0.0056	0.0045
16:00 - 17:00	0.0096	0.0098	0.0049	0.0103	0.0109	0.0044	0.0090
17:00 - 18:00	0.0050	0.0089	0.0072	0.0053	0.0069	0.0052	0.0083
18:00 - 19:00	0.0107	0.0041	0.0052	0.0053	0.0072	0.0036	0.0072
19:00 - 20:00	0.0069	0.0085	0.0101	0.0068	0.0090	0.0042	0.0054
20:00 - 21:00	0.0103	0.0102	0.0062	0.0063	0.0094	0.0041	0.0045
21:00 - 22:00	0.0094	0.0055	0.0042	0.0099	0.0106	0.0065	0.0096
22:00 - 23:00	0.0028	0.0059	0.0084	0.0035	0.0070	0.0066	0.0101
23:00 - 00:00	0.0035	0.0058	0.0032	0.0094	0.0047	0.0055	0.0064
00:00 - 01:00	0.0032	0.0072	0.0054	0.0079	0.0078	0.0045	0.0069
01:00 - 02:00	0.0093	0.0084	0.0093	0.0058	0.0050	0.0071	0.0068
02:00 - 03:00	0.0098	0.0045	0.0065	0.0057	0.0028	0.0036	0.0094
03:00 - 04:00	0.0060	0.0045	0.0073	0.0094	0.0033	0.0101	0.0094
04:00 - 05:00	0.0044	0.0059	0.0082	0.0045	0.0063	0.0105	0.0076
05:00 - 06:00	0.0098	0.0056	0.0087	0.0090	0.0106	0.0090	0.0050
06:00 - 07:00	0.0064	0.0030	0.0062	0.0086	0.0061	0.0047	0.0058
07:00 - 08:00	0.0039	0.0101	0.0036	0.0063	0.0110	0.0047	0.0086
08:00 - 09:00	0.0077	0.0058	0.0076	0.0088	0.0069	0.0089	0.0088
09:00 - 10:00	0.0083	0.0041	0.0058	0.0068	0.0081	0.0073	0.0091
10:00 - 11:00	0.0056	0.0079	0.0072	0.0042	0.0060	0.0035	0.0102
11:00 - 12:00	0.0089	0.0097	0.0059	0.0045	0.0094	0.0060	0.0096
12:00 - 13:00	0.0059	0.0071	0.0051	0.0029	0.0054	0.0038	0.0091
Average-24Hr*	0.0072	0.0070	0.0066	0.0066	0.0074	0.0060	0.0079
Max-1Hr	0.0107	0.0102	0.0101	0.0103	0.0110	0.0105	0.0102
Min-1Hr	0.0028	0.0030	0.0032	0.0029	0.0028	0.0035	0.0045
Standard-1Hr	0.17 ppm(320 ug/cu.m)						
Standard-24Hr							

Remark : * Average time between 13:00-13:00

(Miss Katesarin Vorradetwittaya)
Environmental Scientist

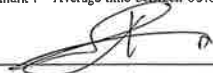
Preeda S.
(Miss Preeda Somjai)
Technical Management Team




Ambient Air Monitoring Results : Sulfur dioxide MTR-REN Operation

Location : Santi Silaram Temple				Monitor Period : 21-28 Nov 2025			
Analyzer Model : Thermo 43C				Station No : Shelter 17			
Serial No : 0607415773				Site Operator : Mr. Sittichai Sawangwongchai			
Calibrator Model : Teledyne 700E				Serial No : 587			
Calibration Gas Cylinder I.D.: EB0102326							
Certified Date : 10 Jan 2025				Cal Concentration (ppb) : 0,100,200,400			
Expire Date : 09 Jan 2026							
Time	SO2 Concentration (ppm)						
	21-22 Nov 2025	22-23 Nov 2025	23-24 Nov 2025	24-25 Nov 2025	25-26 Nov 2025	26-27 Nov 2025	27-28 Nov 2025
09:00 - 10:00	0.0023	0.0023	0.0015	0.0020	0.0028	0.0016	0.0018
10:00 - 11:00	0.0012	0.0026	0.0023	0.0024	0.0015	0.0026	0.0028
11:00 - 12:00	0.0018	0.0022	0.0028	0.0025	0.0012	0.0024	0.0017
12:00 - 13:00	0.0024	0.0027	0.0027	0.0012	0.0015	0.0014	0.0016
13:00 - 14:00	0.0017	0.0022	0.0015	0.0024	0.0027	0.0012	0.0028
14:00 - 15:00	0.0026	0.0026	0.0021	0.0020	0.0023	0.0019	0.0020
15:00 - 16:00	0.0014	0.0020	0.0016	0.0012	0.0028	0.0023	0.0016
16:00 - 17:00	0.0021	0.0017	0.0017	0.0014	0.0013	0.0020	0.0015
17:00 - 18:00	0.0017	0.0012	0.0022	0.0017	0.0022	0.0023	0.0024
18:00 - 19:00	0.0018	0.0012	0.0013	0.0017	0.0014	0.0015	0.0014
19:00 - 20:00	0.0025	0.0014	0.0019	0.0017	0.0027	0.0027	0.0025
20:00 - 21:00	0.0024	0.0024	0.0023	0.0016	0.0022	0.0020	0.0028
21:00 - 22:00	0.0025	0.0023	0.0014	0.0026	0.0014	0.0026	0.0018
22:00 - 23:00	0.0022	0.0019	0.0016	0.0023	0.0017	0.0018	0.0022
23:00 - 00:00	0.0023	0.0023	0.0014	0.0012	0.0017	0.0021	0.0016
00:00 - 01:00	0.0024	0.0012	0.0017	0.0019	0.0026	0.0018	0.0014
01:00 - 02:00	0.0024	0.0019	0.0020	0.0015	0.0027	0.0027	0.0013
02:00 - 03:00	0.0013	0.0020	0.0016	0.0018	0.0027	0.0026	0.0013
03:00 - 04:00	0.0023	0.0026	0.0019	0.0016	0.0026	0.0017	0.0012
04:00 - 05:00	0.0026	0.0012	0.0015	0.0026	0.0023	0.0028	0.0016
05:00 - 06:00	0.0024	0.0020	0.0024	0.0013	0.0023	0.0013	0.0025
06:00 - 07:00	0.0023	0.0014	0.0028	0.0020	0.0014	0.0019	0.0028
07:00 - 08:00	0.0019	0.0017	0.0021	0.0018	0.0028	0.0016	0.0027
08:00 - 09:00	0.0014	0.0027	0.0012	0.0028	0.0021	0.0026	0.0026
Average-24Hr*	0.0021	0.0020	0.0019	0.0019	0.0021	0.0021	0.0020
Max-1Hr	0.0026	0.0027	0.0028	0.0028	0.0028	0.0028	0.0028
Min-1Hr	0.0012	0.0012	0.0012	0.0012	0.0012	0.0012	0.0012
Standard-1Hr	0.30 ppm(780 ug/cu.m)						
Standard-24Hr	0.12 ppm(300 ug/cu.m)						

Remark : * Average time between 09:00-09:00


(Miss Katesarin Vorradetwittaya)
Environmental Scientist


(Miss Preeda Somjai)
Technical Management Team




Ambient Air Monitoring Results : Sulfur dioxide MTR-REN Operation

Location : Banna Klang School				Monitor Period : 21-28 Nov 2025			
Analyzer Model : API 100A				Station No : Mobile 14			
Serial No : 906				Site Operator : Mr. Sittichai Sawangwongchai			
Calibrator Model : Teledyne 700E				Serial No : 587			
Calibration Gas Cylinder I.D.: EB0102326							
Certified Date : 10 Jan 2025				Cal Concentration (ppb) : 0,100,200,400			
Expire Date : 09 Jan 2026							
Time	SO2 Concentration (ppm)						
	21-22 Nov 2025	22-23 Nov 2025	23-24 Nov 2025	24-25 Nov 2025	25-26 Nov 2025	26-27 Nov 2025	27-28 Nov 2025
10:00 - 11:00	0.0017	0.0026	0.0028	0.0029	0.0021	0.0027	0.0022
11:00 - 12:00	0.0026	0.0030	0.0019	0.0026	0.0025	0.0020	0.0025
12:00 - 13:00	0.0024	0.0032	0.0023	0.0032	0.0020	0.0018	0.0015
13:00 - 14:00	0.0020	0.0029	0.0019	0.0016	0.0026	0.0030	0.0015
14:00 - 15:00	0.0019	0.0027	0.0030	0.0031	0.0031	0.0025	0.0030
15:00 - 16:00	0.0018	0.0016	0.0025	0.0016	0.0019	0.0016	0.0019
16:00 - 17:00	0.0027	0.0025	0.0019	0.0027	0.0031	0.0017	0.0017
17:00 - 18:00	0.0028	0.0015	0.0019	0.0016	0.0017	0.0017	0.0022
18:00 - 19:00	0.0029	0.0018	0.0029	0.0022	0.0023	0.0031	0.0017
19:00 - 20:00	0.0032	0.0017	0.0027	0.0032	0.0020	0.0021	0.0024
20:00 - 21:00	0.0028	0.0023	0.0032	0.0018	0.0017	0.0017	0.0023
21:00 - 22:00	0.0026	0.0023	0.0028	0.0015	0.0026	0.0029	0.0016
22:00 - 23:00	0.0025	0.0027	0.0018	0.0018	0.0017	0.0026	0.0029
23:00 - 00:00	0.0018	0.0027	0.0021	0.0016	0.0028	0.0030	0.0031
00:00 - 01:00	0.0028	0.0022	0.0016	0.0020	0.0027	0.0015	0.0022
01:00 - 02:00	0.0032	0.0015	0.0019	0.0031	0.0018	0.0025	0.0030
02:00 - 03:00	0.0020	0.0029	0.0031	0.0027	0.0030	0.0026	0.0020
03:00 - 04:00	0.0020	0.0024	0.0029	0.0026	0.0027	0.0029	0.0026
04:00 - 05:00	0.0016	0.0032	0.0022	0.0019	0.0022	0.0025	0.0023
05:00 - 06:00	0.0029	0.0023	0.0021	0.0028	0.0027	0.0029	0.0021
06:00 - 07:00	0.0019	0.0027	0.0032	0.0015	0.0025	0.0029	0.0025
07:00 - 08:00	0.0016	0.0029	0.0019	0.0025	0.0021	0.0017	0.0023
08:00 - 09:00	0.0024	0.0021	0.0019	0.0019	0.0023	0.0030	0.0025
09:00 - 10:00	0.0024	0.0032	0.0024	0.0029	0.0025	0.0020	0.0032
Average-24Hr*	0.0024	0.0025	0.0024	0.0023	0.0024	0.0024	0.0023
Max-1Hr	0.0032	0.0032	0.0032	0.0032	0.0031	0.0031	0.0032
Min-1Hr	0.0016	0.0015	0.0016	0.0015	0.0017	0.0015	0.0015
Standard-1Hr	0.30 ppm(780 ug/cu.m)						
Standard-24Hr	0.12 ppm(300 ug/cu.m)						

Remark : * Average time between 10:00-10:00


(Miss Katesarin Vorradetwittaya)
Environmental Scientist


(Miss Preeda Somjai)
Technical Management Team



Ambient Air Monitoring Results : Sulfur dioxide MTR-REN Operation

Location : Nong Bon Temple Monitor Period : 21-28 Nov 2025
 Analyzer Model : Thermo 43C Station No : Shelter 16
 Serial No : 60771-328-2 Site Operator : Mr. Sittichai Sawangwongchai

Calibrator Model : Teledyne 700E Serial No : 587
 Calibration Gas Cylinder I.D.: EB0102326
 Certified Date : 10 Jan 2025 Cal Concentration (ppb) : 0,100,200,400
 Expire Date : 09 Jan 2026

Time	SO2 Concentration (ppm)						
	21-22 Nov 2025	22-23 Nov 2025	23-24 Nov 2025	24-25 Nov 2025	25-26 Nov 2025	26-27 Nov 2025	27-28 Nov 2025
11:00 - 12:00	0.0023	0.0026	0.0028	0.0031	0.0030	0.0025	0.0027
12:00 - 13:00	0.0021	0.0027	0.0030	0.0020	0.0030	0.0021	0.0033
13:00 - 14:00	0.0021	0.0033	0.0021	0.0023	0.0023	0.0026	0.0021
14:00 - 15:00	0.0026	0.0017	0.0019	0.0020	0.0024	0.0020	0.0027
15:00 - 16:00	0.0026	0.0020	0.0025	0.0022	0.0019	0.0031	0.0018
16:00 - 17:00	0.0027	0.0029	0.0023	0.0025	0.0025	0.0025	0.0024
17:00 - 18:00	0.0020	0.0018	0.0021	0.0033	0.0032	0.0026	0.0033
18:00 - 19:00	0.0023	0.0025	0.0027	0.0026	0.0024	0.0024	0.0019
19:00 - 20:00	0.0016	0.0023	0.0033	0.0016	0.0020	0.0019	0.0033
20:00 - 21:00	0.0017	0.0029	0.0026	0.0029	0.0033	0.0026	0.0029
21:00 - 22:00	0.0019	0.0027	0.0025	0.0033	0.0028	0.0031	0.0028
22:00 - 23:00	0.0017	0.0017	0.0023	0.0030	0.0030	0.0029	0.0016
23:00 - 00:00	0.0030	0.0028	0.0024	0.0021	0.0029	0.0016	0.0022
00:00 - 01:00	0.0018	0.0023	0.0028	0.0025	0.0028	0.0020	0.0018
01:00 - 02:00	0.0016	0.0019	0.0023	0.0017	0.0027	0.0032	0.0016
02:00 - 03:00	0.0033	0.0024	0.0018	0.0019	0.0028	0.0032	0.0031
03:00 - 04:00	0.0027	0.0023	0.0033	0.0023	0.0018	0.0032	0.0030
04:00 - 05:00	0.0017	0.0020	0.0022	0.0021	0.0033	0.0032	0.0030
05:00 - 06:00	0.0029	0.0029	0.0021	0.0031	0.0016	0.0024	0.0021
06:00 - 07:00	0.0019	0.0025	0.0026	0.0033	0.0030	0.0017	0.0025
07:00 - 08:00	0.0032	0.0019	0.0019	0.0026	0.0028	0.0016	0.0023
08:00 - 09:00	0.0023	0.0018	0.0019	0.0031	0.0018	0.0017	0.0032
09:00 - 10:00	0.0030	0.0027	0.0021	0.0031	0.0024	0.0030	0.0018
10:00 - 11:00	0.0026	0.0027	0.0018	0.0017	0.0027	0.0019	0.0024
Average-24Hr*	0.0023	0.0024	0.0024	0.0025	0.0026	0.0025	0.0025
Max-1Hr	0.0033	0.0033	0.0033	0.0033	0.0033	0.0032	0.0033
Min-1Hr	0.0016	0.0017	0.0018	0.0016	0.0016	0.0016	0.0016
Standard-1Hr	0.30 ppm(780 ug/cu.m)						
Standard-24Hr	0.12 ppm(300 ug/cu.m)						

Remark : * Average time between 11:00-11:00

(Miss Katesarin Vorradetwittaya)
Environmental Scientist

Preeda S.
(Miss Preeda Somjai)
Technical Management Team



Ambient Air Monitoring Results : Sulfur dioxide MTR-REN Operation

Location : Nong Takai Temple Monitor Period : 21-28 Nov 2025
 Analyzer Model : Teledyne T100 Station No : Shelter 15
 Serial No : 123 Site Operator : Mr. Sittichai Sawangwongchai

Calibrator Model : Teledyne 700E Serial No : 587
 Calibration Gas Cylinder I.D.: EB0102326
 Certified Date : 10 Jan 2025 Cal Concentration (ppb) : 0,100,200,400
 Expire Date : 09 Jan 2026

Time	SO2 Concentration (ppm)						
	21-22 Nov 2025	22-23 Nov 2025	23-24 Nov 2025	24-25 Nov 2025	25-26 Nov 2025	26-27 Nov 2025	27-28 Nov 2025
13:00 - 14:00	0.0010	0.0019	0.0015	0.0018	0.0012	0.0015	0.0021
14:00 - 15:00	0.0021	0.0020	0.0013	0.0019	0.0013	0.0010	0.0014
15:00 - 16:00	0.0012	0.0007	0.0016	0.0019	0.0014	0.0018	0.0014
16:00 - 17:00	0.0021	0.0015	0.0019	0.0014	0.0008	0.0020	0.0008
17:00 - 18:00	0.0021	0.0016	0.0011	0.0018	0.0013	0.0012	0.0020
18:00 - 19:00	0.0014	0.0018	0.0010	0.0010	0.0007	0.0018	0.0013
19:00 - 20:00	0.0010	0.0021	0.0017	0.0015	0.0014	0.0016	0.0008
20:00 - 21:00	0.0017	0.0009	0.0007	0.0007	0.0016	0.0009	0.0007
21:00 - 22:00	0.0020	0.0014	0.0014	0.0007	0.0019	0.0012	0.0013
22:00 - 23:00	0.0015	0.0017	0.0007	0.0018	0.0014	0.0017	0.0021
23:00 - 00:00	0.0018	0.0021	0.0016	0.0012	0.0008	0.0011	0.0016
00:00 - 01:00	0.0012	0.0012	0.0012	0.0019	0.0018	0.0011	0.0011
01:00 - 02:00	0.0007	0.0011	0.0010	0.0020	0.0014	0.0013	0.0019
02:00 - 03:00	0.0007	0.0008	0.0016	0.0013	0.0017	0.0017	0.0015
03:00 - 04:00	0.0012	0.0020	0.0021	0.0021	0.0017	0.0012	0.0014
04:00 - 05:00	0.0018	0.0008	0.0014	0.0007	0.0021	0.0019	0.0020
05:00 - 06:00	0.0017	0.0007	0.0010	0.0018	0.0011	0.0013	0.0007
06:00 - 07:00	0.0017	0.0012	0.0011	0.0016	0.0017	0.0010	0.0011
07:00 - 08:00	0.0015	0.0019	0.0015	0.0018	0.0008	0.0017	0.0010
08:00 - 09:00	0.0008	0.0016	0.0012	0.0017	0.0017	0.0013	0.0017
09:00 - 10:00	0.0017	0.0021	0.0014	0.0009	0.0014	0.0017	0.0015
10:00 - 11:00	0.0008	0.0007	0.0018	0.0013	0.0011	0.0009	0.0008
11:00 - 12:00	0.0018	0.0014	0.0020	0.0007	0.0011	0.0021	0.0007
12:00 - 13:00	0.0011	0.0009	0.0011	0.0014	0.0018	0.0008	0.0021
Average-24Hr*	0.0014	0.0014	0.0014	0.0015	0.0014	0.0014	0.0014
Max-1Hr	0.0021	0.0021	0.0021	0.0021	0.0021	0.0021	0.0021
Min-1Hr	0.0007	0.0007	0.0007	0.0007	0.0007	0.0008	0.0007
Standard-1Hr	0.30 ppm(780 ug/cu.m)						
Standard-24Hr	0.12 ppm(300 ug/cu.m)						

Remark : * Average time between 13:00-13:00

(Miss Katesarin Vorradetwittaya)
Environmental Scientist

Preeda S.
(Miss Preeda Somjai)
Technical Management Team

ภาคผนวก ง.2

ใบรับรองผลการตรวจวิเคราะห์
คุณภาพอากาศจากปล่องระบายมลพิษทางอากาศ



บริษัท ซีคอต จำกัด

SECOT CO., LTD.

239 ถนนริมคลองประปา แขวงบางซื่อ เขตบางซื่อ กรุงเทพฯ 10800

239 RIMKLONGPRAPA ROAD, BANGSUE, BANGKOK 10800, THAILAND

TEL : +66(0) 2959-3600 FAX : +66(0) 2959-3535 E-mail : envserv@secot.co.th

STACK EMISSION ANALYSIS REPORT

CLIENT NAME	: R E N Korat Energy Co., Ltd.	REFERENCE NO.	: 225046-CEMS-2511-0065
SAMPLING BY	: SECOT Co., Ltd.	REGISTRATION NO.	: 7-239
SAMPLING DATE	: 24/11/2025	SAMPLING TIME	: 00.20-03.45 p.m.
RECEIVED DATE	: 27/11/2025	ANALYTICAL DATE	: 27-28/11/2025
REPORT DATE	: 08/12/2025	OPERATOR	: Mr. Kittipong Thakoengsuk (7-239-0-0024)
STACK LOCATION	: GEG Stack 1	FUEL TYPE	: Natural Gas
SOURCE DESCRIPTION	: Combustion	SAMPLE CONDITION	: Normal

STACK DESCRIPTION

Height	: 25.0	m	Flow Rate*	: 615	Ncu.m/min
Diameter	: 1.35	m	Excess Oxygen	: 11.7	%
Temperature	: 317.8	°C	Moisture Content	: 9.4	%
Gas Velocity	: 15.7	m/s			

PARAMETER	UNIT	RESULTS*		STANDARDS ^{1/}	REFERENCE
		11.7%O ₂	7%O ₂	7%O ₂	METHODS
Total Suspended Particulate	mg/Ncu.m.	1.37	2.07	20	US. EPA Method 5

Pornpadee Budthum

(Miss Pornnapa Budthum)

Analyst

REG.NO.7-239-0-0018

Maing Poowasanpetch

(Miss Narisa Poowasanpetch)

Technical Management Team

REG.NO.7-239-0-0010

Remark : 1. Reported analysis refers to submitted sample only.

2. This report shall not be reproduced, except in full, without official approval.

3. * At standard pressure of 760 mmHg and temperature of 25 °C, dry basis.

4. ^{1/} Notification of the Ministry of Natural Resources and Environment, B.E.2566.



บริษัท ซีคอต จำกัด

SECOT CO., LTD.

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STACK EMISSION ANALYSIS REPORT

CLIENT NAME	: R E N Korat Energy Co., Ltd.	REFERENCE NO.	: 225046-CEMS-2511-0065
SAMPLING BY	: SECOT Co., Ltd.	REGISTRATION NO.	: 7-239
SAMPLING DATE	: 24/11/2025	SAMPLING TIME	: 00.20-03.45 p.m.
RECEIVED DATE	: 27/11/2025	ANALYTICAL DATE	: 27-28/11/2025
REPORT DATE	: 08/12/2025	OPERATOR	: Mr. Kittipong Thakoengsuk (7-239-0-0024)
STACK LOCATION	: GEG Stack 1	FUEL TYPE	: Natural Gas
SOURCE DESCRIPTION	: Combustion	SAMPLE CONDITION	: Normal

STACK DESCRIPTION

Height	: 25.0	m	Flow Rate*	: 615	Ncu.m/min
Diameter	: 1.35	m	Excess Oxygen	: 11.7	%
Temperature	: 317.8	°C	Moisture Content	: 9.4	%
Gas Velocity	: 15.7	m/s			

PARAMETER	UNIT	RESULTS*		STANDARDS	REFERENCE
		11.7%O ₂	7%O ₂	7%O ₂	METHODS
Particulate matter	mg/Ncu.m.	0.69	1.04	-	US. EPA Method 201A
less than 10 microns					

Pornpadee Budthum

(Miss Pornnapa Budthum)

Analyst

Maing Poowasanpetch

(Miss Narisa Poowasanpetch)

Technical Management Team

Remark : 1. Reported analysis refers to submitted sample only.

2. This report shall not be reproduced, except in full, without official approval.

3. * At standard pressure of 760 mmHg and temperature of 25 °C, dry basis.

4. - Standard is not specified.



บริษัท ซีคอต จำกัด
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STACK EMISSION ANALYSIS REPORT

CLIENT NAME	: R E N Korat Energy Co., Ltd.	REFERENCE NO.	: 225046-CEMS-2511-0065
SAMPLING BY	: SECOT Co., Ltd.	REGISTRATION NO.	: 7-239
SAMPLING DATE	: 24/11/2025	SAMPLING TIME	: 00.20-03.45 p.m.
RECEIVED DATE	: 01/12/2025	ANALYTICAL DATE	: 02/12/2025-06/01/2026
REPORT DATE	: 07/01/2026	OPERATOR	: Mr. Kittipong Thakoengsuk (7-239-0-0024)
STACK LOCATION	: GEG Stack 1	FUEL TYPE	: Natural Gas
SOURCE DESCRIPTION	: Combustion	SAMPLE CONDITION	: Normal

STACK DESCRIPTION

Height	: 25.0	m	Flow Rate*	: 615	Ncu.m/min
Diameter	: 1.35	m	Excess Oxygen	: 11.7	%
Temperature	: 317.8	°C	Moisture Content	: 9.4	%
Gas Velocity	: 15.7	m/s			

PARAMETER	UNIT	RESULTS*		STANDARDS ^{1/}	REFERENCE METHODS
		11.7%O ₂	7%O ₂	7%O ₂	
Sulfur Dioxide	ppm	0.35	0.53	15	US. EPA Method 6C
Oxides of Nitrogen	ppm	28.02	42.41	80	US. EPA Method 7E

(Miss Katesarin Vorradetwittaya)

Environmental Scientist

REG.NO.7-239-0-0006

(Miss Preeda Somjai)

Technical Management Team

REG.NO.7-239-0-0006

Remark : 1. Reported analysis refers to submitted sample only.

2. This report shall not be reproduced, except in full, without official approval.

3. * At standard pressure of 760 mmHg and temperature of 25 °C, dry basis.

4. ^{1/} Notification of the Ministry of Natural Resources and Environment, B.E.2566.



บริษัท ซีคอต จำกัด
SECOT CO., LTD.

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STACK EMISSION ANALYSIS REPORT

CLIENT NAME	: R E N Korat Energy Co., Ltd.	REFERENCE NO.	: 225046-CEMS-2511-0065
SAMPLING BY	: SECOT Co., Ltd.	REGISTRATION NO.	: 7-239
SAMPLING DATE	: 24/11/2025	SAMPLING TIME	: 00.20-03.45 p.m.
RECEIVED DATE	: 01/12/2025	ANALYTICAL DATE	: 02/12/2025-06/01/2026
REPORT DATE	: 07/01/2026	OPERATOR	: Mr. Kittipong Thakoengsuk (7-239-0-0024)
STACK LOCATION	: GEG Stack 1	FUEL TYPE	: Natural Gas
SOURCE DESCRIPTION	: Combustion	SAMPLE CONDITION	: Normal

STACK DESCRIPTION

Height	: 25.0	m	Flow Rate*	: 615	Ncu.m/min
Diameter	: 1.35	m	Excess Oxygen	: 11.7	%
Temperature	: 317.8	°C	Moisture Content	: 9.4	%
Gas Velocity	: 15.7	m/s			

PARAMETER	UNIT	RESULTS*		STANDARDS ^{1/}	REFERENCE METHODS
		11.7%O ₂	7%O ₂	7%O ₂	
Carbon Monoxide	ppm	319.16	483.08	690	US. EPA Method 10

(Miss Katesarin Vorradetwittaya)

Environmental Scientist

REG.NO.7-239-0-0006

(Miss Preeda Somjai)

Technical Management Team

REG.NO.7-239-0-0006

Remark : 1. Reported analysis refers to submitted sample only.

2. This report shall not be reproduced, except in full, without official approval.

3. * At standard pressure of 760 mmHg and temperature of 25 °C, dry basis.

4. ^{1/} Notification of the Ministry of Industry, B.E.2549.

The Monitoring Result of Emission Concentration
GEG 1
R E N KORAT ENERGY CO., LTD.
November 24, 2025

Run Number	Oxygen content (%)		Oxide of Nitrogen (ppm)		
	RM Stack Gas Conc	Corrected Gas Conc	RM Stack Gas Conc	Corrected Gas Conc @Actual O2	Corrected Gas Conc @7% O2
1	11.78	11.73	27.80	27.79	42.12
2	11.76	11.71	28.49	28.48	43.08
3	11.76	11.71	27.80	27.79	42.03
Average	11.77	11.72	28.03	28.02	42.41

Run Number	Oxygen content (%)		Sulfur dioxide (ppm)		
	RM Stack Gas Conc	Corrected Gas Conc	RM Stack Gas Conc	Corrected Gas Conc @Actual O2	Corrected Gas Conc @7% O2
1	11.78	11.73	0.28	0.25	0.38
2	11.76	11.71	0.38	0.34	0.51
3	11.76	11.71	0.51	0.47	0.71
Average	11.77	11.72	0.39	0.35	0.53

Run Number	Oxygen content (%)		Carbonmonoxide (ppm)		
	RM Stack Gas Conc	Corrected Gas Conc	RM Stack Gas Conc	Corrected Gas Conc @Actual O2	Corrected Gas Conc @7% O2
1	11.78	11.73	317.17	317.57	481.38
2	11.76	11.71	319.60	320.01	484.02
3	11.76	11.71	319.49	319.90	483.85
Average	11.77	11.72	318.75	319.16	483.08

R E N KORAT ENERGY CO., LTD.
EMISSION TEST RESULT

Date: November 24, 2025
Start time: 12:20 PM
O₂ instrument Model: AMI 70
NO_x instrument Model: Teledyne 200 EM
SO₂ instrument Model: API 100 AH
CO instrument Model: THERMO 48 C
Fuel Type : Fuel Gas & Fuel Oil

Run # : 1
Location : GEG 1
Finish time : 12:40 PM
Serial No.: 161212-14
Serial No.: 433
Serial No.: 118
Serial No.: 0412106049
Test Operator : Kittipong T.

Time, min	O ₂ (%)	NO _x (ppm)	SO ₂ (ppm)	CO (ppm)
12:20 PM	11.89	24.37	0.31	324.25
12:21 PM	11.81	24.84	0.32	323.00
12:22 PM	11.75	26.66	0.29	319.93
12:23 PM	11.75	27.36	0.27	320.93
12:24 PM	11.77	26.36	0.26	321.68
12:25 PM	11.75	27.74	0.31	313.27
12:26 PM	11.80	27.69	0.29	318.43
12:27 PM	11.75	27.09	0.30	318.17
12:28 PM	11.76	27.31	0.27	316.17
12:29 PM	11.78	28.06	0.29	317.76
12:30 PM	11.78	28.39	0.31	312.36
12:31 PM	11.78	28.54	0.26	316.02
12:32 PM	11.81	28.33	0.26	316.77
12:33 PM	11.75	28.82	0.24	312.13
12:34 PM	11.79	29.35	0.24	313.14
12:35 PM	11.81	29.36	0.25	315.29
12:36 PM	11.81	28.58	0.26	319.46
12:37 PM	11.75	28.86	0.27	315.72
12:38 PM	11.77	28.72	0.25	315.56
12:39 PM	11.76	28.76	0.28	313.07
12:40 PM	11.76	28.62	0.27	317.56
Average	11.78	27.80	0.28	317.17

Signature 
 Miss Katesarin Vorradetwittaya
 Environmental Scientist

R E N KORAT ENERGY CO., LTD. EMISSION TEST RESULT

Run # : 2
Date: November 24, 2025
Start time: 12:41 PM
O₂ instrument Model: AMI 70
NO_x instrument Model: Teledyne 200 EM
SO₂ instrument Model: API 100 AH
CO instrument Model: THERMO 48 C
Fuel Type : Fuel Gas & Fuel Oil
Location : GEG 1
Finish time : 1:01 PM
Serial No.: 161212-14
Serial No.: 433
Serial No.: 118
Serial No.: 0412106049
Test Operator : Kittipong T.

Time, min	O ₂ (%)	NOx (ppm)	SO ₂ (ppm)	CO (ppm)
12:41 PM	11.76	28.24	0.25	319.64
12:42 PM	11.76	27.38	0.28	319.06
12:43 PM	11.78	27.24	0.30	322.89
12:44 PM	11.77	28.21	0.33	319.99
12:45 PM	11.75	28.75	0.32	321.47
12:46 PM	11.75	27.97	0.30	323.32
12:47 PM	11.80	26.81	0.36	323.98
12:48 PM	11.75	28.28	0.39	322.40
12:49 PM	11.77	28.59	0.42	318.15
12:50 PM	11.77	28.96	0.43	317.82
12:51 PM	11.80	28.15	0.41	325.57
12:52 PM	11.75	28.91	0.38	322.73
12:53 PM	11.75	28.91	0.42	320.99
12:54 PM	11.75	28.35	0.40	317.59
12:55 PM	11.75	28.05	0.41	319.91
12:56 PM	11.75	28.94	0.51	318.58
12:57 PM	11.75	28.01	0.44	320.24
12:58 PM	11.76	28.79	0.39	317.93
12:59 PM	11.75	30.26	0.39	310.11
1:00 PM	11.75	30.13	0.41	312.78
1:01 PM	11.75	29.42	0.42	316.45
Average	11.76	28.49	0.38	319.60

Signature 
 Miss Katesarin Vorradetwittaya
 Environmental Scientist

R E N KORAT ENERGY CO., LTD. EMISSION TEST RESULT

Run # : 3
Date: November 24, 2025
Start time: 1:02 PM
O₂ instrument Model: AMI 70
NO_x instrument Model: Teledyne 200 EM
SO₂ instrument Model: API 100 AH
CO instrument Model: THERMO 48 C
Fuel Type : Fuel Gas & Fuel Oil
Location : GEG 1
Finish time : 1:22 PM
Serial No.: 161212-14
Serial No.: 433
Serial No.: 118
Serial No.: 0412106049
Test Operator : Kittipong T.

Time, min	O ₂ (%)	NOx (ppm)	SO ₂ (ppm)	CO (ppm)
1:02 PM	11.75	28.74	0.43	316.62
1:03 PM	11.75	28.82	0.45	312.96
1:04 PM	11.75	28.75	0.46	316.95
1:05 PM	11.75	27.91	0.47	320.63
1:06 PM	11.75	27.20	0.44	322.96
1:07 PM	11.75	27.52	0.39	323.79
1:08 PM	11.75	27.87	0.47	321.46
1:09 PM	11.75	27.20	0.46	323.47
1:10 PM	11.75	27.65	0.47	320.48
1:11 PM	11.75	27.42	0.45	318.99
1:12 PM	11.75	27.52	0.44	319.81
1:13 PM	11.83	27.67	0.46	315.49
1:14 PM	11.79	27.14	0.47	322.98
1:15 PM	11.75	26.96	0.52	321.81
1:16 PM	11.75	27.65	0.56	318.14
1:17 PM	11.75	27.89	0.63	318.97
1:18 PM	11.79	27.79	0.58	323.47
1:19 PM	11.75	27.43	0.64	322.64
1:20 PM	11.75	28.00	0.66	316.30
1:21 PM	11.75	28.43	0.63	315.81
1:22 PM	11.75	28.26	0.62	315.46
Average	11.76	27.80	0.51	319.49

Signature 
 Miss Katesarin Vorradetwittaya
 Environmental Scientist



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SECOT CO., LTD.

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STACK EMISSION ANALYSIS REPORT

CLIENT NAME	: R E N Korat Energy Co., Ltd.	REFERENCE NO.	: 225046-CEMS-2511-0065
SAMPLING BY	: SECOT Co., Ltd.	REGISTRATION NO.	: 7-239
SAMPLING DATE	: 24/11/2025	SAMPLING TIME	: 05.00-07.02 p.m.
RECEIVED DATE	: 27/11/2025	ANALYTICAL DATE	: 27-28/11/2025
REPORT DATE	: 08/12/2025	OPERATOR	: Mr. Kittipong Thakoengsuk (7-239-0-0024)
STACK LOCATION	: GEG Stack 2	FUEL TYPE	: Natural Gas
SOURCE DESCRIPTION	: Combustion	SAMPLE CONDITION	: Normal

STACK DESCRIPTION

Height	: 25.0	m	Flow Rate*	: 647	Ncu.m/min
Diameter	: 1.35	m	Excess Oxygen	: 11.8	%
Temperature	: 321.4	°C	Moisture Content	: 9.4	%
Gas Velocity	: 16.6	m/s			

PARAMETER	UNIT	RESULTS*		STANDARDS ^{1/}	REFERENCE METHODS
		11.8%O ₂	7%O ₂	7%O ₂	
Total Suspended Particulate	mg/Ncu.m.	1.60	2.46	20	US. EPA Method 5

Pornnapha Budthum

(Miss Pornnapha Budthum)

Analyst

REG.NO.7-239-0-0018

Maing Poowasanetch

(Miss Narisa Poowasanetch)

Technical Management Team

REG.NO.7-239-0-0010

Remark : 1. Reported analysis refers to submitted sample only.

2. This report shall not be reproduced, except in full, without official approval.

3. * At standard pressure of 760 mmHg and temperature of 25 °C, dry basis.

4. ^{1/} Notification of the Ministry of Natural Resources and Environment, B.E.2566.



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SAMPLING BY	: SECOT Co., Ltd.	REGISTRATION NO.	: 7-239
SAMPLING DATE	: 24/11/2025	SAMPLING TIME	: 05.00-07.02 p.m.
RECEIVED DATE	: 27/11/2025	ANALYTICAL DATE	: 27-28/11/2025
REPORT DATE	: 08/12/2025	OPERATOR	: Mr. Kittipong Thakoengsuk (7-239-0-0024)
STACK LOCATION	: GEG Stack 2	FUEL TYPE	: Natural Gas
SOURCE DESCRIPTION	: Combustion	SAMPLE CONDITION	: Normal

STACK DESCRIPTION

Height	: 25.0	m	Flow Rate*	: 647	Ncu.m/min
Diameter	: 1.35	m	Excess Oxygen	: 11.8	%
Temperature	: 321.4	°C	Moisture Content	: 9.4	%
Gas Velocity	: 16.6	m/s			

PARAMETER	UNIT	RESULTS*		STANDARDS	REFERENCE METHODS
		11.8%O ₂	7%O ₂	7%O ₂	
Particulate matter	mg/Ncu.m.	0.77	1.17	-	US. EPA Method 201A
less than 10 microns					

Pornnapha Budthum

(Miss Pornnapha Budthum)

Analyst

Maing Poowasanetch

(Miss Narisa Poowasanetch)

Technical Management Team

Remark : 1. Reported analysis refers to submitted sample only.

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4. - Standard is not specified.



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CLIENT NAME	: R E N Korat Energy Co., Ltd.	REFERENCE NO.	: 225046-CEMS-2511-0065
SAMPLING BY	: SECOT Co., Ltd.	REGISTRATION NO.	: 7-239
SAMPLING DATE	: 24/11/2025	SAMPLING TIME	: 05.00-07.02 p.m.
RECEIVED DATE	: 01/12/2025	ANALYTICAL DATE	: 02/12/2025-06/01/2026
REPORT DATE	: 07/01/2026	OPERATOR	: Mr. Kittipong Thakoengsuk (7-239-0-0024)
STACK LOCATION	: GEG Stack 2	FUEL TYPE	: Natural Gas
SOURCE DESCRIPTION	: Combustion	SAMPLE CONDITION	: Normal

STACK DESCRIPTION


Height	: 25.0	m	Flow Rate*	: 647	Ncu.m/min
Diameter	: 1.35	m	Excess Oxygen	: 11.8	%
Temperature	: 321.4	°C	Moisture Content	: 9.4	%
Gas Velocity	: 16.6	m/s			

PARAMETER	UNIT	RESULTS*		STANDARDS ^{1/}	REFERENCE METHODS
		11.8%O ₂	7%O ₂	7%O ₂	
Sulfur Dioxide	ppm	0.35	0.54	15	US. EPA Method 6C
Oxides of Nitrogen	ppm	20.36	31.16	80	US. EPA Method 7E


(Miss Katesarin Vorradetwittaya)

Environmental Scientist

REG.NO.7-239-0-0006


(Miss Preeda Somjai)

Technical Management Team

REG.NO.7-239-0-0006

Remark : 1. Reported analysis refers to submitted sample only.

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3. * At standard pressure of 760 mmHg and temperature of 25 °C, dry basis.

4. ^{1/} Notification of the Ministry of Natural Resources and Environment, B.E.2566.



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SAMPLING BY	: SECOT Co., Ltd.	REGISTRATION NO.	: 7-239
SAMPLING DATE	: 24/11/2025	SAMPLING TIME	: 05.00-07.02 p.m.
RECEIVED DATE	: 01/12/2025	ANALYTICAL DATE	: 02/12/2025-06/01/2026
REPORT DATE	: 07/01/2026	OPERATOR	: Mr. Kittipong Thakoengsuk (7-239-0-0024)
STACK LOCATION	: GEG Stack 2	FUEL TYPE	: Natural Gas
SOURCE DESCRIPTION	: Combustion	SAMPLE CONDITION	: Normal

STACK DESCRIPTION

Height	: 25.0	m	Flow Rate*	: 647	Ncu.m/min
Diameter	: 1.35	m	Excess Oxygen	: 11.8	%
Temperature	: 321.4	°C	Moisture Content	: 9.4	%
Gas Velocity	: 16.6	m/s			

PARAMETER	UNIT	RESULTS*		STANDARDS ^{1/}	REFERENCE METHODS
		11.8%O ₂	7%O ₂	7%O ₂	
Carbon Monoxide	ppm	377.84	578.42	690	US. EPA Method 10


(Miss Katesarin Vorradetwittaya)

Environmental Scientist

REG.NO.7-239-0-0006


(Miss Preeda Somjai)

Technical Management Team

REG.NO.7-239-0-0006

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3. * At standard pressure of 760 mmHg and temperature of 25 °C, dry basis.

4. ^{1/} Notification of the Ministry of Industry, B.E.2549.

The Monitoring Result of Emission Concentration

GEG 2

R E N KORAT ENERGY CO., LTD.

November 24, 2025

Run Number	Oxygen content (%)		Oxide of Nitrogen (ppm)		
	RM Stack Gas Conc	Corrected Gas Conc	RM Stack Gas Conc	Corrected Gas Conc @Actual O2	Corrected Gas Conc @7% O2
1	11.85	11.82	19.73	19.71	30.17
2	11.86	11.83	20.43	20.41	31.28
3	11.85	11.81	20.97	20.95	32.04
Average	11.85	11.82	20.38	20.36	31.16

Run Number	Oxygen content (%)		Sulfur dioxide (ppm)		
	RM Stack Gas Conc	Corrected Gas Conc	RM Stack Gas Conc	Corrected Gas Conc @Actual O2	Corrected Gas Conc @7% O2
1	11.85	11.82	0.36	0.28	0.43
2	11.86	11.83	0.43	0.35	0.54
3	11.85	11.81	0.49	0.42	0.64
Average	11.85	11.82	0.43	0.35	0.54

Run Number	Oxygen content (%)		Carbonmonoxide (ppm)		
	RM Stack Gas Conc	Corrected Gas Conc	RM Stack Gas Conc	Corrected Gas Conc @Actual O2	Corrected Gas Conc @7% O2
1	11.85	11.82	375.29	375.86	575.38
2	11.86	11.83	379.86	380.46	583.06
3	11.85	11.81	376.59	377.21	576.81
Average	11.85	11.82	377.24	377.84	578.42

R E N KORAT ENERGY CO., LTD.

EMISSION TEST RESULT

Run # : 1

Date: November 24, 2025

Location : GEG 2

Start time: 6:00 PM

Finish time : 6:20 PM

O₂ instrument Model: AMI 70

Serial No.: 161212-14

NO_x instrument Model: Teledyne 200 EM

Serial No.: 433

SO₂ instrument Model: API 100 AH

Serial No.: 118

CO instrument Model: THERMO 48 C

Serial No.: 0412106049

Fuel Type : Fuel Gas & Fuel Oil

Test Operator : Kittipong T.

Time, min	O ₂ (%)	NO _x (ppm)	SO ₂ (ppm)	CO (ppm)
6:00 PM	11.84	23.53	0.36	373.65
6:01 PM	11.89	21.74	0.35	378.15
6:02 PM	11.84	21.78	0.34	374.49
6:03 PM	11.84	22.17	0.36	374.65
6:04 PM	11.85	21.60	0.39	376.17
6:05 PM	11.85	20.42	0.41	377.00
6:06 PM	11.84	19.71	0.39	379.15
6:07 PM	11.84	19.24	0.32	374.34
6:08 PM	11.84	19.00	0.36	375.00
6:09 PM	11.87	18.79	0.32	377.84
6:10 PM	11.84	19.24	0.33	376.33
6:11 PM	11.84	20.34	0.33	374.15
6:12 PM	11.84	19.98	0.35	376.32
6:13 PM	11.86	19.45	0.35	376.33
6:14 PM	11.85	19.36	0.40	368.99
6:15 PM	11.84	18.46	0.41	379.48
6:16 PM	11.87	17.23	0.41	380.32
6:17 PM	11.84	17.19	0.37	370.83
6:18 PM	11.84	17.62	0.36	373.98
6:19 PM	11.84	18.67	0.37	369.17
6:20 PM	11.85	18.80	0.35	374.65
Average	11.85	19.73	0.36	375.29

Signature



Miss Katesarin Vorradetwittaya

Environmental Scientist

R E N KORAT ENERGY CO., LTD. EMISSION TEST RESULT

Run # : 2
Date: November 24, 2025
Start time: 6:21 PM
O₂ instrument Model: AMI 70
NO_x instrument Model: Teledyne 200 EM
SO₂ instrument Model: API 100 AH
CO instrument Model: THERMO 48 C
Fuel Type : Fuel Gas & Fuel Oil
Location : GEG 2
Finish time : 6:41 PM
Serial No.: 161212-14
Serial No.: 433
Serial No.: 118
Serial No.: 0412106049
Test Operator : Kittipong T.

Time, min	O ₂ (%)	NO _x (ppm)	SO ₂ (ppm)	CO (ppm)
6:21 PM	11.86	18.09	0.34	380.49
6:22 PM	11.88	17.26	0.35	381.31
6:23 PM	11.85	17.50	0.35	375.48
6:24 PM	11.86	18.26	0.36	378.99
6:25 PM	11.84	21.12	0.42	380.98
6:26 PM	11.84	22.40	0.48	373.83
6:27 PM	11.88	20.91	0.44	382.65
6:28 PM	11.90	19.86	0.40	382.47
6:29 PM	11.84	19.76	0.39	377.50
6:30 PM	11.85	20.10	0.39	377.82
6:31 PM	11.86	20.69	0.40	378.98
6:32 PM	11.84	21.91	0.42	376.66
6:33 PM	11.87	20.21	0.48	383.31
6:34 PM	11.89	21.21	0.48	377.99
6:35 PM	11.86	20.94	0.46	381.64
6:36 PM	11.90	21.73	0.47	384.99
6:37 PM	11.84	22.89	0.44	374.16
6:38 PM	11.85	22.90	0.44	382.48
6:39 PM	11.84	21.93	0.47	381.48
6:40 PM	11.86	19.79	0.46	387.97
6:41 PM	11.87	19.67	0.52	375.83
Average	11.86	20.43	0.43	379.86

Signature 
 Miss Katesarin Vorradetwittaya
 Environmental Scientist

R E N KORAT ENERGY CO., LTD. EMISSION TEST RESULT

Run # : 3
Date: November 24, 2025
Start time: 6:42 PM
O₂ instrument Model: AMI 70
NO_x instrument Model: Teledyne 200 EM
SO₂ instrument Model: API 100 AH
CO instrument Model: THERMO 48 C
Fuel Type : Fuel Gas & Fuel Oil
Location : GEG 2
Finish time : 7:02 PM
Serial No.: 161212-14
Serial No.: 433
Serial No.: 118
Serial No.: 0412106049
Test Operator : Kittipong T.

Time, min	O ₂ (%)	NO _x (ppm)	SO ₂ (ppm)	CO (ppm)
6:42 PM	11.89	19.27	0.45	381.98
6:43 PM	11.84	22.01	0.52	378.15
6:44 PM	11.84	22.26	0.48	376.49
6:45 PM	11.84	22.01	0.49	384.64
6:46 PM	11.84	21.14	0.48	381.65
6:47 PM	11.84	19.94	0.47	377.31
6:48 PM	11.84	20.83	0.51	378.98
6:49 PM	11.84	22.49	0.53	375.99
6:50 PM	11.84	21.75	0.52	373.31
6:51 PM	11.84	21.31	0.51	372.82
6:52 PM	11.85	21.81	0.45	376.98
6:53 PM	11.85	22.16	0.44	376.47
6:54 PM	11.89	21.70	0.48	380.82
6:55 PM	11.84	23.07	0.52	372.15
6:56 PM	11.84	22.74	0.51	371.49
6:57 PM	11.84	22.67	0.54	372.15
6:58 PM	11.84	21.37	0.52	376.31
6:59 PM	11.84	18.54	0.49	375.98
7:00 PM	11.84	17.61	0.48	371.49
7:01 PM	11.84	18.13	0.47	372.66
7:02 PM	11.92	17.61	0.45	380.49
Average	11.85	20.97	0.49	376.59

Signature 
 Miss Katesarin Vorradetwittaya
 Environmental Scientist



บริษัท ซีคอต จำกัด
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STACK EMISSION ANALYSIS REPORT

CLIENT NAME	: R E N Korat Energy Co., Ltd.	REFERENCE NO.	: 225046-CEMS-2511-0065
SAMPLING BY	: SECOT Co., Ltd.	REGISTRATION NO.	: 2-239
SAMPLING DATE	: 25/11/2025	SAMPLING TIME	: 04.00-07.20 p.m.
RECEIVED DATE	: 27/11/2025	ANALYTICAL DATE	: 27-28/11/2025
REPORT DATE	: 08/12/2025	OPERATOR	: Mr. Kittipong Thakoengsuk (2-239-0-0024)
STACK LOCATION	: GEG Stack 3	FUEL TYPE	: Natural Gas
SOURCE DESCRIPTION	: Combustion	SAMPLE CONDITION	: Normal

STACK DESCRIPTION

Height	: 25.0	m	Flow Rate*	: 580	Ncu.m/min
Diameter	: 1.35	m	Excess Oxygen	: 12.0	%
Temperature	: 331.2	°C	Moisture Content	: 9.8	%
Gas Velocity	: 15.2	m/s			

PARAMETER	UNIT	RESULTS*		STANDARDS ^{1/}	REFERENCE
		12.0%O ₂	7%O ₂	7%O ₂	METHODS
Total Suspended Particulate	mg/Ncu.m.	1.54	2.40	20	US. EPA Method 5

Pornnapa Budthum

(Miss Pornnapa Budthum)

Analyst

REG.NO.2-239-0-0018

Narisa Poowasanpetch

(Miss Narisa Poowasanpetch)

Technical Management Team

REG.NO.2-239-R-0010

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SAMPLING BY	: SECOT Co., Ltd.	REGISTRATION NO.	: 2-239
SAMPLING DATE	: 25/11/2025	SAMPLING TIME	: 04.00-07.20 p.m.
RECEIVED DATE	: 27/11/2025	ANALYTICAL DATE	: 27-28/11/2025
REPORT DATE	: 08/12/2025	OPERATOR	: Mr. Kittipong Thakoengsuk (2-239-0-0024)
STACK LOCATION	: GEG Stack 3	FUEL TYPE	: Natural Gas
SOURCE DESCRIPTION	: Combustion	SAMPLE CONDITION	: Normal

STACK DESCRIPTION

Height	: 25.0	m	Flow Rate*	: 580	Ncu.m/min
Diameter	: 1.35	m	Excess Oxygen	: 12.0	%
Temperature	: 331.2	°C	Moisture Content	: 9.8	%
Gas Velocity	: 15.2	m/s			

PARAMETER	UNIT	RESULTS*		STANDARDS	REFERENCE
		12.0%O ₂	7%O ₂	7%O ₂	METHODS
Particulate matter	mg/Ncu.m.	0.77	1.20	-	US. EPA Method 201A
less than 10 microns					

Pornnapa Budthum

(Miss Pornnapa Budthum)

Analyst

Narisa Poowasanpetch

(Miss Narisa Poowasanpetch)

Technical Management Team

Remark : 1. Reported analysis refers to submitted sample only.

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3. * At standard pressure of 760 mmHg and temperature of 25 °C, dry basis.

4. - Standard is not specified.



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STACK EMISSION ANALYSIS REPORT

CLIENT NAME	: R E N Korat Energy Co., Ltd.	REFERENCE NO.	: 225046-CEMS-2511-0065
SAMPLING BY	: SECOT Co., Ltd.	REGISTRATION NO.	: 7-239
SAMPLING DATE	: 25/11/2025	SAMPLING TIME	: 04.00-07.20 p.m.
RECEIVED DATE	: 01/12/2025	ANALYTICAL DATE	: 02/12/2025-06/01/2026
REPORT DATE	: 07/01/2026	OPERATOR	: Mr. Kittipong Thakoengsuk (7-239-0-0024)
STACK LOCATION	: GEG Stack 3	FUEL TYPE	: Natural Gas
SOURCE DESCRIPTION	: Combustion	SAMPLE CONDITION	: Normal

STACK DESCRIPTION

Height	: 25.0	m	Flow Rate*	: 580	Ncu.m/min
Diameter	: 1.35	m	Excess Oxygen	: 12.0	%
Temperature	: 331.2	°C	Moisture Content	: 9.8	%
Gas Velocity	: 15.2	m/s			

PARAMETER	UNIT	RESULTS*		STANDARDS ^{1/}	REFERENCE METHODS
		12.0%O ₂	7%O ₂	7%O ₂	
Sulfur Dioxide	ppm	0.04	0.07	15	US. EPA Method 6C
Oxides of Nitrogen	ppm	25.95	40.43	80	US. EPA Method 7E


(Miss Katesarin Vorradetwittaya)

Environmental Scientist

REG.NO.7-239-0-0006



(Miss Preeda Somjai)

Technical Management Team

REG.NO.7-239-0-0006

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3. * At standard pressure of 760 mmHg and temperature of 25 °C, dry basis.

4. ^{1/} Notification of the Ministry of Natural Resources and Environment, B.E.2566.



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STACK EMISSION ANALYSIS REPORT

CLIENT NAME	: R E N Korat Energy Co., Ltd.	REFERENCE NO.	: 225046-CEMS-2511-0065
SAMPLING BY	: SECOT Co., Ltd.	REGISTRATION NO.	: 7-239
SAMPLING DATE	: 25/11/2025	SAMPLING TIME	: 04.00-07.20 p.m.
RECEIVED DATE	: 01/12/2025	ANALYTICAL DATE	: 02/12/2025-06/01/2026
REPORT DATE	: 07/01/2026	OPERATOR	: Mr. Kittipong Thakoengsuk (7-239-0-0024)
STACK LOCATION	: GEG Stack 3	FUEL TYPE	: Natural Gas
SOURCE DESCRIPTION	: Combustion	SAMPLE CONDITION	: Normal

STACK DESCRIPTION

Height	: 25.0	m	Flow Rate*	: 580	Ncu.m/min
Diameter	: 1.35	m	Excess Oxygen	: 12.0	%
Temperature	: 331.2	°C	Moisture Content	: 9.8	%
Gas Velocity	: 15.2	m/s			

PARAMETER	UNIT	RESULTS*		STANDARDS ^{1/}	REFERENCE METHODS
		12.0%O ₂	7%O ₂	7%O ₂	
Carbon Monoxide	ppm	335.42	522.49	690	US. EPA Method 10


(Miss Katesarin Vorradetwittaya)

Environmental Scientist

REG.NO.7-239-0-0006



(Miss Preeda Somjai)

Technical Management Team

REG.NO.7-239-0-0006

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4. ^{1/} Notification of the Ministry of Industry, B.E.2549.

**The Monitoring Result of Emission Concentration
GEG 3
R E N KORAT ENERGY CO., LTD.
November 25, 2025**

Run Number	Oxygen content (%)		Oxide of Nitrogen (ppm)		
	RM Stack Gas Conc	Corrected Gas Conc	RM Stack Gas Conc	Corrected Gas Conc @Actual O2	Corrected Gas Conc @7% O2
1	11.99	12.00	26.70	26.69	41.68
2	11.97	11.98	25.87	25.86	40.30
3	11.94	11.95	25.32	25.31	39.31
Average	11.97	11.98	25.96	25.95	40.43

Run Number	Oxygen content (%)		Sulfur dioxide (ppm)		
	RM Stack Gas Conc	Corrected Gas Conc	RM Stack Gas Conc	Corrected Gas Conc @Actual O2	Corrected Gas Conc @7% O2
1	11.99	12.00	0.05	0.02	0.03
2	11.97	11.98	0.07	0.04	0.06
3	11.94	11.95	0.10	0.07	0.11
Average	11.97	11.98	0.07	0.04	0.07

Run Number	Oxygen content (%)		Carbonmonoxide (ppm)		
	RM Stack Gas Conc	Corrected Gas Conc	RM Stack Gas Conc	Corrected Gas Conc @Actual O2	Corrected Gas Conc @7% O2
1	11.99	12.00	333.96	334.31	522.12
2	11.97	11.98	337.85	338.19	527.00
3	11.94	11.95	333.44	333.77	518.37
Average	11.97	11.98	335.08	335.42	522.49

**R E N KORAT ENERGY CO., LTD.
EMISSION TEST RESULT**

Run # : 1
 Date: November 25, 2025
 Location : GEG 3
 Start time: 4:00 PM
 Finish time: 4:20 PM
 O₂ instrument Model: AMI 70
 Serial No.: 161212-14
 NO_x instrument Model: Teledyne 200 EM
 Serial No.: 433
 SO₂ instrument Model: API 100 AH
 Serial No.: 118
 CO instrument Model: THERMO 48 C
 Serial No.: 0412106049
 Fuel Type : Fuel Gas & Fuel Oil
 Test Operator : Kittipong T.

Time, min	O ₂ (%)	NO _x (ppm)	SO ₂ (ppm)	CO (ppm)
4:00 PM	12.04	24.82	0.04	333.65
4:01 PM	11.98	25.60	0.02	327.67
4:02 PM	11.97	26.28	0.09	327.25
4:03 PM	12.04	26.09	0.01	332.41
4:04 PM	11.97	27.47	0.07	326.58
4:05 PM	11.99	26.85	0.07	334.16
4:06 PM	12.04	26.17	0.01	338.99
4:07 PM	12.01	28.46	0.04	333.99
4:08 PM	11.94	26.77	0.02	335.91
4:09 PM	12.01	26.37	0.05	339.58
4:10 PM	11.99	25.99	0.04	341.15
4:11 PM	11.98	27.08	0.02	334.67
4:12 PM	12.01	27.40	0.05	329.26
4:13 PM	12.01	27.84	0.04	332.33
4:14 PM	12.01	27.09	0.04	335.25
4:15 PM	11.98	25.99	0.05	339.99
4:16 PM	11.99	27.94	0.08	335.66
4:17 PM	11.99	26.11	0.12	333.90
4:18 PM	12.00	25.97	0.07	338.74
4:19 PM	11.96	26.87	0.06	331.25
4:20 PM	11.95	27.53	0.02	330.76
Average	11.99	26.70	0.05	333.96

Signature 
 Miss Katesarin Vorradetwittaya
 Environmental Scientist

R E N KORAT ENERGY CO., LTD. EMISSION TEST RESULT

Run # : 2

Date: November 25, 2025 Location : GEG 3

Start time: 4:21 PM Finish time : 4:41 PM

O₂ instrument Model: AMI 70 Serial No.: 161212-14

NO_x instrument Model: Teledyne 200 EM Serial No.: 433

SO₂ instrument Model: API 100 AH Serial No.: 118

CO instrument Model: THERMO 48 C Serial No.: 0412106049

Fuel Type : Fuel Gas & Fuel Oil Test Operator : Kittipong T.

Time, min	O ₂ (%)	NO _x (ppm)	SO ₂ (ppm)	CO (ppm)
4:21 PM	11.93	27.23	0.02	335.08
4:22 PM	11.99	26.49	0.06	338.56
4:23 PM	12.02	26.23	0.07	339.40
4:24 PM	12.02	26.28	0.01	333.49
4:25 PM	12.02	25.98	0.02	338.40
4:26 PM	12.00	25.92	0.06	337.99
4:27 PM	11.97	25.84	0.06	334.00
4:28 PM	11.97	25.86	0.09	337.00
4:29 PM	11.99	25.70	0.17	339.91
4:30 PM	11.95	25.54	0.15	336.99
4:31 PM	11.94	25.68	0.11	334.50
4:32 PM	11.94	25.81	0.07	338.25
4:33 PM	11.98	25.92	0.09	341.91
4:34 PM	11.92	27.40	0.11	332.75
4:35 PM	11.93	27.05	0.08	344.50
4:36 PM	11.99	25.59	0.05	342.83
4:37 PM	11.95	25.84	0.05	339.16
4:38 PM	11.98	24.31	0.02	341.41
4:39 PM	11.93	25.22	0.04	335.16
4:40 PM	11.92	25.41	0.03	334.58
4:41 PM	11.95	23.97	0.09	338.91
Average	11.97	25.87	0.07	337.85

Signature 

Miss Katesarin Vorradetwittaya
Environmental Scientist

R E N KORAT ENERGY CO., LTD. EMISSION TEST RESULT

Run # : 3

Date: November 25, 2025 Location : GEG 3

Start time: 4:42 PM Finish time : 5:02 PM

O₂ instrument Model: AMI 70 Serial No.: 161212-14

NO_x instrument Model: Teledyne 200 EM Serial No.: 433

SO₂ instrument Model: API 100 AH Serial No.: 118

CO instrument Model: THERMO 48 C Serial No.: 0412106049

Fuel Type : Fuel Gas & Fuel Oil Test Operator : Kittipong T.

Time, min	O ₂ (%)	NO _x (ppm)	SO ₂ (ppm)	CO (ppm)
4:42 PM	11.95	24.76	0.10	332.09
4:43 PM	11.92	27.99	0.19	322.59
4:44 PM	11.97	25.67	0.19	335.42
4:45 PM	11.96	25.76	0.08	334.00
4:46 PM	11.97	23.57	0.04	337.01
4:47 PM	11.93	24.15	0.04	332.09
4:48 PM	11.93	25.76	0.06	332.27
4:49 PM	11.93	25.87	0.13	332.60
4:50 PM	11.97	24.44	0.09	337.34
4:51 PM	11.93	24.10	0.13	329.45
4:52 PM	11.93	24.47	0.12	328.86
4:53 PM	11.93	24.69	0.10	334.19
4:54 PM	11.93	26.15	0.06	333.52
4:55 PM	11.93	26.79	0.05	329.36
4:56 PM	11.93	26.72	0.11	334.94
4:57 PM	11.93	26.11	0.07	339.10
4:58 PM	11.93	24.43	0.08	337.51
4:59 PM	11.93	24.95	0.08	331.62
5:00 PM	11.93	25.39	0.09	332.11
5:01 PM	11.93	25.20	0.17	337.68
5:02 PM	11.95	24.69	0.18	338.59
Average	11.94	25.32	0.10	333.44

Signature 

Miss Katesarin Vorradetwittaya
Environmental Scientist



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STACK EMISSION ANALYSIS REPORT

CLIENT NAME	: R E N Korat Energy Co., Ltd.	REFERENCE NO.	: 225046-CEMS-2511-0065
SAMPLING BY	: SECOT Co., Ltd.	REGISTRATION NO.	: 2-239
SAMPLING DATE	: 25/11/2025	SAMPLING TIME	: 10.40 a.m.-01.25 p.m.
RECEIVED DATE	: 27/11/2025	ANALYTICAL DATE	: 27-28/11/2025
REPORT DATE	: 08/12/2025	OPERATOR	: Mr. Kittipong Thakoengsuk (2-239-0-0024)
STACK LOCATION	: GEG Stack 4	FUEL TYPE	: Natural Gas
SOURCE DESCRIPTION	: Combustion	SAMPLE CONDITION	: Normal

STACK DESCRIPTION

Height	: 25.0	m	Flow Rate*	: 600	Ncu.m/min
Diameter	: 1.35	m	Excess Oxygen	: 12.0	%
Temperature	: 326.3	°C	Moisture Content	: 9.6	%
Gas Velocity	: 15.6	m/s			

PARAMETER	UNIT	RESULTS*		STANDARDS ^{1/}	REFERENCE METHODS
		12.0%O ₂	7%O ₂	7%O ₂	
Total Suspended Particulate	mg/Ncu.m.	1.41	2.18	20	US. EPA Method 5

Pornnapa Budthum

(Miss Pornnapa Budthum)

Analyst

REG.NO.2-239-0-0018

Narisa Poowasanpetch

(Miss Narisa Poowasanpetch)

Technical Management Team

REG.NO.2-239-0-0010

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3. * At standard pressure of 760 mmHg and temperature of 25 °C, dry basis.



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STACK EMISSION ANALYSIS REPORT

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SAMPLING BY	: SECOT Co., Ltd.	REGISTRATION NO.	: 2-239
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REPORT DATE	: 08/12/2025	OPERATOR	: Mr. Kittipong Thakoengsuk (2-239-0-0024)
STACK LOCATION	: GEG Stack 4	FUEL TYPE	: Natural Gas
SOURCE DESCRIPTION	: Combustion	SAMPLE CONDITION	: Normal

STACK DESCRIPTION

Height	: 25.0	m	Flow Rate*	: 600	Ncu.m/min
Diameter	: 1.35	m	Excess Oxygen	: 12.0	%
Temperature	: 326.3	°C	Moisture Content	: 9.6	%
Gas Velocity	: 15.6	m/s			

PARAMETER	UNIT	RESULTS*		STANDARDS	REFERENCE METHODS
		12.0%O ₂	7%O ₂	7%O ₂	
Particulate matter	mg/Ncu.m.	0.70	1.09	*	US. EPA Method 201A
less than 10 microns					

Pornnapa Budthum

(Miss Pornnapa Budthum)

Analyst

Narisa Poowasanpetch

(Miss Narisa Poowasanpetch)

Technical Management Team

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STACK EMISSION ANALYSIS REPORT

CLIENT NAME	: R E N Korat Energy Co., Ltd.	REFERENCE NO.	: 225046-CEMS-2511-0065
SAMPLING BY	: SECOT Co., Ltd.	REGISTRATION NO.	: 7-239
SAMPLING DATE	: 25/11/2025	SAMPLING TIME	: 10.40 a.m.-01.25 p.m.
RECEIVED DATE	: 01/12/2025	ANALYTICAL DATE	: 02/12/2025-06/01/2026
REPORT DATE	: 07/01/2026	OPERATOR	: Mr. Kittipong Thakoengsuk (7-239-8-0024)
STACK LOCATION	: GEG Stack 4	FUEL TYPE	: Natural Gas
SOURCE DESCRIPTION	: Combustion	SAMPLE CONDITION	: Normal

STACK DESCRIPTION

Height	: 25.0	m	Flow Rate*	: 600	Ncu.m/min
Diameter	: 1.35	m	Excess Oxygen	: 12.0	%
Temperature	: 326.3	°C	Moisture Content	: 9.6	%
Gas Velocity	: 15.6	m/s			

PARAMETER	UNIT	RESULTS*		STANDARDS ^{1/}	REFERENCE METHODS
		12.0%O ₂	7%O ₂	7%O ₂	
Sulfur Dioxide	ppm	0.85	1.32	15	US. EPA Method 6C
Oxides of Nitrogen	ppm	25.03	38.88	80	US. EPA Method 7E

(Miss Katesarin Vorradetwittaya)

Environmental Scientist

REG.NO.7-239-8-0006

(Miss Preeda Somjai)

Technical Management Team

REG.NO.7-239-8-0006

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4. ^{1/} Notification of the Ministry of Natural Resources and Environment, B.E.2566.



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SAMPLING DATE	: 25/11/2025	SAMPLING TIME	: 10.40 a.m.-01.25 p.m.
RECEIVED DATE	: 01/12/2025	ANALYTICAL DATE	: 02/12/2025-06/01/2026
REPORT DATE	: 07/01/2026	OPERATOR	: Mr. Kittipong Thakoengsuk (7-239-8-0024)
STACK LOCATION	: GEG Stack 4	FUEL TYPE	: Natural Gas
SOURCE DESCRIPTION	: Combustion	SAMPLE CONDITION	: Normal

STACK DESCRIPTION

Height	: 25.0	m	Flow Rate*	: 600	Ncu.m/min
Diameter	: 1.35	m	Excess Oxygen	: 12.0	%
Temperature	: 326.3	°C	Moisture Content	: 9.6	%
Gas Velocity	: 15.6	m/s			

PARAMETER	UNIT	RESULTS*		STANDARDS ^{1/}	REFERENCE METHODS
		12.0%O ₂	7%O ₂	7%O ₂	
Carbon Monoxide	ppm	306.67	476.45	690	US. EPA Method 10

(Miss Katesarin Vorradetwittaya)

Environmental Scientist

REG.NO.7-239-8-0006

(Miss Preeda Somjai)

Technical Management Team

REG.NO.7-239-8-0006

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4. ^{1/} Notification of the Ministry of Industry, B.E.2549.

**The Monitoring Result of Emission Concentration
GEG 4
R E N KORAT ENERGY CO., LTD.
November 25, 2025**

Run Number	Oxygen content (%)		Oxide of Nitrogen (ppm)		
	RM Stack Gas Conc	Corrected Gas Conc	RM Stack Gas Conc	Corrected Gas Conc @Actual O2	Corrected Gas Conc @7% O2
1	11.96	11.97	25.50	25.49	39.68
2	11.94	11.95	24.96	24.95	38.75
3	11.93	11.94	24.66	24.64	38.23
Average	11.94	11.95	25.04	25.03	38.88

Run Number	Oxygen content (%)		Sulfur dioxide (ppm)		
	RM Stack Gas Conc	Corrected Gas Conc	RM Stack Gas Conc	Corrected Gas Conc @Actual O2	Corrected Gas Conc @7% O2
1	11.96	11.97	0.94	0.90	1.40
2	11.94	11.95	0.87	0.83	1.29
3	11.93	11.94	0.85	0.81	1.26
Average	11.94	11.95	0.88	0.85	1.32

Run Number	Oxygen content (%)		Carbonmonoxide (ppm)		
	RM Stack Gas Conc	Corrected Gas Conc	RM Stack Gas Conc	Corrected Gas Conc @Actual O2	Corrected Gas Conc @7% O2
1	11.96	11.97	300.14	300.33	467.48
2	11.94	11.95	307.72	307.93	478.24
3	11.93	11.94	311.51	311.74	483.61
Average	11.94	11.95	306.46	306.67	476.45

**R E N KORAT ENERGY CO., LTD.
EMISSION TEST RESULT**

Date: November 25, 2025
 Start time: 10:40 AM
 O₂ instrument Model: AMI 70
 NO_x instrument Model: Teledyne 200 EM
 SO₂ instrument Model: API 100 AH
 CO instrument Model: THERMO 48 C
 Fuel Type : Fuel Gas & Fuel Oil

Run #: 1
 Location : GEG 4
 Finish time : 11:00 AM
 Serial No.: 161212-14
 Serial No.: 433
 Serial No.: 118
 Serial No.: 0412106049
 Test Operator : Kittipong T.

Time, min	O ₂ (%)	NO _x (ppm)	SO ₂ (ppm)	CO (ppm)
10:40 AM	12.02	24.62	1.00	304.01
10:41 AM	12.05	23.92	0.98	300.69
10:42 AM	12.03	22.81	0.96	305.02
10:43 AM	11.94	24.41	0.98	300.19
10:44 AM	11.94	27.94	0.95	288.77
10:45 AM	11.94	27.01	0.94	295.03
10:46 AM	11.94	27.39	0.97	296.96
10:47 AM	11.94	26.52	0.94	297.87
10:48 AM	11.94	23.67	0.94	306.27
10:49 AM	11.94	23.66	0.97	300.94
10:50 AM	11.94	24.09	0.94	301.70
10:51 AM	11.94	25.90	0.95	295.21
10:52 AM	11.94	25.65	0.93	295.21
10:53 AM	11.94	28.13	0.93	294.38
10:54 AM	11.94	26.29	0.95	298.20
10:55 AM	11.97	26.30	0.94	303.12
10:56 AM	11.94	26.49	0.92	295.97
10:57 AM	11.94	25.44	0.91	303.70
10:58 AM	11.94	25.34	0.87	306.71
10:59 AM	11.98	25.01	0.88	306.03
11:00 AM	11.94	24.83	0.88	306.87
Average	11.96	25.50	0.94	300.14

Signature: 
 Miss Katesarin Vorradetwittaya
 Environmental Scientist

R E N KORAT ENERGY CO., LTD. EMISSION TEST RESULT

Run # : 2
Date: November 25, 2025
Start time: 11:01 AM
O₂ instrument Model: AMI 70
NO_x instrument Model: Teledyne 200 EM
SO₂ instrument Model: API 100 AH
CO instrument Model: THERMO 48 C
Fuel Type : Fuel Gas & Fuel Oil
Location : GEG 4
Finish time : 11:21 AM
Serial No.: 161212-14
Serial No.: 433
Serial No.: 118
Serial No.: 0412106049
Test Operator : Kittipong T.

Time, min	O ₂ (%)	NO _x (ppm)	SO ₂ (ppm)	CO (ppm)
11:01 AM	11.94	23.55	0.87	308.79
11:02 AM	11.94	24.36	0.84	304.62
11:03 AM	11.94	25.09	0.87	300.48
11:04 AM	11.94	24.98	0.80	307.63
11:05 AM	11.94	25.02	0.85	309.37
11:06 AM	11.94	24.65	0.90	304.23
11:07 AM	11.94	25.33	0.87	299.90
11:08 AM	11.96	25.20	0.87	305.71
11:09 AM	11.97	24.36	0.86	309.63
11:10 AM	11.94	24.47	0.86	304.55
11:11 AM	11.94	25.64	0.89	309.03
11:12 AM	11.94	24.86	0.85	308.69
11:13 AM	11.94	24.06	0.84	311.63
11:14 AM	11.94	24.93	0.86	305.78
11:15 AM	11.94	24.63	0.81	312.95
11:16 AM	11.94	23.94	0.89	316.35
11:17 AM	11.94	24.49	0.84	309.78
11:18 AM	11.94	26.15	0.91	310.51
11:19 AM	11.94	27.40	0.90	304.94
11:20 AM	11.93	25.87	0.90	308.27
11:21 AM	11.93	25.23	0.92	309.26
Average	11.94	24.96	0.87	307.72

Signature 
 Miss Katesarin Vorradetwittaya
 Environmental Scientist

R E N KORAT ENERGY CO., LTD. EMISSION TEST RESULT

Run # : 3
Date: November 25, 2025
Start time: 11:22 AM
O₂ instrument Model: AMI 70
NO_x instrument Model: Teledyne 200 EM
SO₂ instrument Model: API 100 AH
CO instrument Model: THERMO 48 C
Fuel Type : Fuel Gas & Fuel Oil
Location : GEG 4
Finish time : 11:42 AM
Serial No.: 161212-14
Serial No.: 433
Serial No.: 118
Serial No.: 0412106049
Test Operator : Kittipong T.

Time, min	O ₂ (%)	NO _x (ppm)	SO ₂ (ppm)	CO (ppm)
11:22 AM	11.93	25.89	0.92	309.59
11:23 AM	11.93	25.94	0.93	308.60
11:24 AM	11.93	24.04	0.90	316.58
11:25 AM	11.93	24.63	0.85	308.59
11:26 AM	11.93	25.27	0.82	305.27
11:27 AM	11.93	24.87	0.82	308.09
11:28 AM	11.93	24.82	0.83	311.27
11:29 AM	11.93	25.78	0.82	309.77
11:30 AM	11.93	25.89	0.82	313.10
11:31 AM	11.93	24.47	0.80	314.77
11:32 AM	11.93	24.12	0.85	312.43
11:33 AM	11.93	24.26	0.79	311.10
11:34 AM	11.93	25.50	0.81	308.09
11:35 AM	11.96	23.33	0.80	318.26
11:36 AM	11.93	22.79	0.85	315.75
11:37 AM	11.93	23.30	0.84	312.25
11:38 AM	11.93	23.96	0.82	311.93
11:39 AM	11.93	23.49	0.85	314.74
11:40 AM	11.93	23.53	0.88	313.91
11:41 AM	11.93	24.85	0.90	309.92
11:42 AM	11.93	27.08	0.91	307.75
Average	11.93	24.66	0.85	311.51

Signature 
 Miss Katesarin Vorradetwittaya
 Environmental Scientist

ภาคผนวก ง.3

ใบรับรองผลการตรวจวัดระดับเสียงโดยทั่วไป



Noise Monitoring Result : Community Noise MTR-REN Operation

Location : West Fence Monitor Period : 21-28 Nov 2025
SLM Model : Cirrus CR162B Serial No : G302330
Site Operator : Mr. Sittichai Sawangwongchai

Calibrator Model : Cirrus CR:515 Serial No : 97097
Calibration Ref dB(A) : 94.0 Certified Date : 14 Oct 2025
SLM Reading / Adjust dB(A) : 93.7/0.0 Expire Date : 13 Oct 2026
Cal Sheet No.: CR-515-2025-310

Time	Equivalent Sound Pressure Level (dB(A))						
	21-22 Nov 2025	22-23 Nov 2025	23-24 Nov 2025	24-25 Nov 2025	25-26 Nov 2025	26-27 Nov 2025	27-28 Nov 2025
11:00 - 12:00	60.5	56.0	55.3	56.0	53.4	52.5	52.9
12:00 - 13:00	53.2	55.8	55.4	55.7	52.9	52.3	52.5
13:00 - 14:00	67.9	56.0	55.1	55.6	54.6	52.4	52.3
14:00 - 15:00	61.5	55.9	55.2	56.5	64.6	53.6	53.6
15:00 - 16:00	60.7	56.8	55.1	57.4	54.0	59.0	53.3
16:00 - 17:00	54.4	56.5	55.6	56.9	53.4	54.8	54.3
17:00 - 18:00	55.2	56.7	55.6	55.5	53.5	54.3	54.1
18:00 - 19:00	51.8	55.5	55.0	53.0	52.1	51.7	51.8
19:00 - 20:00	52.8	55.8	55.4	53.9	52.9	52.8	52.6
20:00 - 21:00	52.2	55.3	55.3	53.6	52.2	51.7	52.1
21:00 - 22:00	51.1	54.6	54.9	52.9	51.5	51.7	51.5
22:00 - 23:00	51.0	54.4	54.5	52.6	51.0	51.6	51.6
23:00 - 00:00	51.2	54.2	54.3	52.9	50.7	51.5	52.1
00:00 - 01:00	51.1	54.5	54.2	53.0	51.0	51.4	51.7
01:00 - 02:00	51.5	54.6	53.8	52.9	51.0	50.9	51.3
02:00 - 03:00	51.4	54.0	53.5	52.8	51.4	51.1	50.5
03:00 - 04:00	51.8	53.9	53.5	53.4	51.5	51.2	50.9
04:00 - 05:00	52.1	54.1	53.5	52.9	51.0	51.3	50.5
05:00 - 06:00	53.1	54.9	53.8	52.8	51.6	51.7	51.1
06:00 - 07:00	54.6	54.3	55.0	53.6	52.8	53.7	52.3
07:00 - 08:00	57.1	54.5	55.1	53.1	52.9	53.5	52.1
08:00 - 09:00	59.0	54.6	62.8	52.1	52.5	52.9	52.1
09:00 - 10:00	55.4	55.1	55.9	52.3	51.7	52.5	52.6
10:00 - 11:00	56.0	55.3	57.4	54.2	56.4	53.3	51.5
Leq(24)*	57.9	55.2	55.8	54.3	54.7	53.1	52.3
Ldn	60.7	61.0	60.9	59.7	58.8	58.5	58.0
Lmax **	66.2	76.9	80.8	80.2	96.0	78.1	80.5
Standard-24Hr	70 dB(A)						
Standard-Max	115 dB(A)						

Remark : * Average time between 11:00-11:00

** Maximum Sound Pressure Level between 11:00-11:00

(Miss Katesarin Vorradetwittaya)
Environmental Scientist

Preeda S.
(Miss Preeda Somjai)
Technical Management Team



Noise Monitoring Result : Background Noise MTR-REN Operation

Location : West Fence Monitor Period : 21-28 Nov 2025
SLM Model : Cirrus CR162B Serial No : G302330
Site Operator : Mr. Sittichai Sawangwongchai

Calibrator Model : Cirrus CR:515 Serial No : 97097
Calibration Ref dB(A) : 94.0 Certified Date : 14 Oct 2025
SLM Reading / Adjust dB(A) : 93.7/0.0 Expire Date : 13 Oct 2026
Cal Sheet No.: CR-515-2025-310

Time	L90 (dB(A))						
	21-22 Nov 2025	22-23 Nov 2025	23-24 Nov 2025	24-25 Nov 2025	25-26 Nov 2025	26-27 Nov 2025	27-28 Nov 2025
11:00 - 12:00	52.4	55.2	54.5	55.1	51.6	51.5	51.4
12:00 - 13:00	52.1	55.1	54.7	55.0	51.8	51.3	51.4
13:00 - 14:00	53.0	55.3	54.5	54.8	51.6	51.5	51.2
14:00 - 15:00	52.7	55.3	54.5	54.9	51.7	51.6	51.8
15:00 - 16:00	52.2	55.5	54.4	55.0	52.2	52.5	52.0
16:00 - 17:00	51.8	55.5	54.6	55.0	52.0	52.1	52.2
17:00 - 18:00	50.8	55.3	54.7	52.5	51.0	51.4	51.6
18:00 - 19:00	50.7	54.6	54.6	52.5	51.2	50.9	51.2
19:00 - 20:00	51.4	54.9	54.7	53.0	51.7	51.6	51.3
20:00 - 21:00	50.9	54.4	54.4	53.0	51.3	51.0	51.1
21:00 - 22:00	50.5	54.2	54.0	52.4	50.9	50.9	51.0
22:00 - 23:00	50.4	54.0	53.7	52.0	50.5	51.2	51.2
23:00 - 00:00	50.7	53.9	53.7	52.0	50.4	51.1	51.6
00:00 - 01:00	50.6	54.1	53.5	52.3	50.6	50.8	51.3
01:00 - 02:00	51.0	54.2	53.4	52.1	50.6	50.3	50.2
02:00 - 03:00	51.0	53.6	53.0	52.1	50.9	50.6	49.7
03:00 - 04:00	51.3	53.5	53.1	52.6	51.0	50.8	49.5
04:00 - 05:00	51.3	53.5	53.1	52.1	50.4	50.8	49.7
05:00 - 06:00	51.6	53.9	53.4	51.8	50.8	50.9	49.9
06:00 - 07:00	52.3	53.8	54.2	51.5	51.3	52.1	50.4
07:00 - 08:00	55.0	53.9	54.1	51.6	51.7	52.3	50.7
08:00 - 09:00	55.0	53.8	54.3	50.7	51.4	51.8	51.0
09:00 - 10:00	54.6	54.1	55.0	51.1	50.8	51.5	50.6
10:00 - 11:00	55.1	54.6	55.1	51.7	51.8	51.5	50.6
L90(avg)*	52.3	54.5	54.2	53.0	51.2	51.4	51.0

Remark : * Average time between 11:00-11:00

(Miss Katesarin Vorradetwittaya)
Environmental Scientist

Preeda S.
(Miss Preeda Somjai)
Technical Management Team



Noise Monitoring Result : Community Noise MTR-REN Operation

Location : East Fence Monitor Period : 21-28 Nov 2025
SLM Model : Cirrus CR162B Serial No : G302743
Site Operator : Mr. Sittichai Sawangwongchai

Calibrator Model : Cirrus CR:515 Serial No : 97097
Calibration Ref dB(A) : 94.0 Certified Date : 14 Oct 2025
SLM Reading / Adjust dB(A) : 93.7/0.0 Expire Date : 13 Oct 2026
Cal Sheet No.: CR-515-2025-310

Time	Equivalent Sound Pressure Level (dB(A))						
	21-22 Nov 2025	22-23 Nov 2025	23-24 Nov 2025	24-25 Nov 2025	25-26 Nov 2025	26-27 Nov 2025	27-28 Nov 2025
11:00 - 12:00	56.0	52.9	51.8	52.3	51.9	50.7	52.4
12:00 - 13:00	50.9	50.8	52.1	54.0	50.4	50.0	51.0
13:00 - 14:00	52.0	54.1	53.3	51.3	51.5	51.1	57.3
14:00 - 15:00	52.9	55.3	51.2	51.2	64.6	52.0	57.5
15:00 - 16:00	52.3	60.3	51.8	54.7	52.1	52.1	52.1
16:00 - 17:00	53.7	54.3	51.8	55.4	54.9	58.2	54.8
17:00 - 18:00	53.6	53.5	51.9	54.8	52.5	55.3	54.3
18:00 - 19:00	51.2	52.4	52.4	52.3	53.7	55.3	53.7
19:00 - 20:00	50.6	53.2	53.1	53.8	54.4	53.0	52.5
20:00 - 21:00	54.0	51.1	52.4	51.2	52.8	50.4	55.7
21:00 - 22:00	48.0	49.8	52.3	50.0	50.2	49.1	50.9
22:00 - 23:00	47.2	50.6	52.5	50.6	49.4	48.6	50.3
23:00 - 00:00	50.0	52.1	52.1	51.9	49.2	49.6	51.3
00:00 - 01:00	48.8	52.2	51.9	51.0	50.4	48.7	49.2
01:00 - 02:00	50.4	51.9	52.1	50.3	48.7	50.0	50.1
02:00 - 03:00	48.1	51.6	49.8	51.1	48.3	50.3	47.4
03:00 - 04:00	48.3	50.1	49.6	50.1	48.1	52.0	46.2
04:00 - 05:00	48.4	49.8	50.2	49.3	48.7	48.1	46.8
05:00 - 06:00	49.8	51.0	52.1	51.3	51.3	51.6	52.4
06:00 - 07:00	54.2	54.0	53.3	51.7	52.2	58.8	56.1
07:00 - 08:00	60.8	55.6	56.2	56.9	56.7	57.0	58.3
08:00 - 09:00	64.0	51.8	53.2	52.7	53.2	53.9	51.3
09:00 - 10:00	59.1	54.3	52.3	49.7	52.2	51.0	48.8
10:00 - 11:00	64.3	51.8	56.3	49.8	57.0	55.4	48.8

Leq(24)*	56.3	53.5	52.6	52.5	54.6	53.3	53.3
Ldn	58.8	58.6	58.3	57.7	57.9	59.1	58.1
Lmax **	108.0	98.4	99.2	98.0	100.4	106.0	103.2

Standard-24Hr	70 dB(A)						
Standard-Max	115 dB(A)						

Remark : * Average time between 11:00-11:00

** Maximum Sound Pressure Level between 11:00-11:00

(Miss Katesarin Vorradetwittaya)
Environmental Scientist

Preeda S.
(Miss Preeda Somjai)
Technical Management Team



Noise Monitoring Result : Background Noise MTR-REN Operation

Location : East Fence Monitor Period : 21-28 Nov 2025
SLM Model : Cirrus CR162B Serial No : G302743
Site Operator : Mr. Sittichai Sawangwongchai

Calibrator Model : Cirrus CR:515 Serial No : 97097
Calibration Ref dB(A) : 94.0 Certified Date : 14 Oct 2025
SLM Reading / Adjust dB(A) : 93.7/0.0 Expire Date : 13 Oct 2026
Cal Sheet No.: CR-515-2025-310

Time	L90 (dB(A))						
	21-22 Nov 2025	22-23 Nov 2025	23-24 Nov 2025	24-25 Nov 2025	25-26 Nov 2025	26-27 Nov 2025	27-28 Nov 2025
11:00 - 12:00	47.7	49.3	50.2	50.0	47.4	47.8	48.5
12:00 - 13:00	47.3	49.0	50.2	49.6	47.3	47.4	47.8
13:00 - 14:00	47.5	51.5	50.2	49.3	47.2	47.8	48.0
14:00 - 15:00	49.1	52.2	50.0	49.3	47.2	47.9	47.9
15:00 - 16:00	47.9	49.6	49.9	49.5	48.6	49.1	47.9
16:00 - 17:00	47.2	49.4	50.0	49.7	48.6	48.2	48.3
17:00 - 18:00	46.7	50.1	50.0	48.9	48.1	49.2	49.4
18:00 - 19:00	47.6	51.1	51.4	49.7	49.1	49.5	49.2
19:00 - 20:00	48.1	50.9	51.3	50.1	48.6	49.7	49.3
20:00 - 21:00	47.4	49.9	51.1	50.0	49.6	48.8	49.0
21:00 - 22:00	46.7	49.2	50.9	49.2	48.8	48.5	49.3
22:00 - 23:00	46.4	49.9	50.6	49.9	48.7	48.1	49.1
23:00 - 00:00	47.1	51.8	51.6	50.4	48.4	47.6	48.5
00:00 - 01:00	48.1	51.8	51.1	49.2	48.2	47.2	48.0
01:00 - 02:00	48.2	51.7	50.3	49.0	48.0	47.1	47.3
02:00 - 03:00	47.3	49.4	49.4	48.9	47.5	47.8	46.4
03:00 - 04:00	47.3	49.4	49.2	48.9	47.4	47.6	45.7
04:00 - 05:00	47.3	49.2	49.5	48.1	47.5	47.4	45.9
05:00 - 06:00	47.6	49.5	50.0	48.2	48.0	47.9	46.5
06:00 - 07:00	48.5	50.3	49.9	48.9	48.5	49.8	47.6
07:00 - 08:00	49.4	50.1	50.4	48.6	48.4	49.4	48.4
08:00 - 09:00	51.0	49.9	50.0	47.0	47.8	48.3	46.4
09:00 - 10:00	49.3	50.0	49.7	46.7	47.6	48.4	46.2
10:00 - 11:00	50.1	50.1	50.0	47.2	49.5	49.1	46.7

L90(avg)*	48.1	50.3	50.3	49.1	48.2	48.4	48.0
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Remark : * Average time between 11:00-11:00

(Miss Katesarin Vorradetwittaya)
Environmental Scientist

Preeda S.
(Miss Preeda Somjai)
Technical Management Team



Noise Monitoring Result : Community Noise MTR-REN Operation

Location : Moo 4, Ban Nong Bon

Monitor Period : 21-28 Nov 2025

SLM Model : Cirrus CR162B

Serial No : G300990

Site Operator : Mr. Sittichai Sawangwongchai

Calibrator Model : Cirrus CR:515

Serial No : 97097

Calibration Ref dB(A) : 94.0

Certified Date : 14 Oct 2025

SLM Reading / Adjust dB(A) : 93.7/0.0

Expire Date : 13 Oct 2026

Cal Sheet No.: CR-515-2025-310

Time	Equivalent Sound Pressure Level (dB(A))						
	21-22 Nov 2025	22-23 Nov 2025	23-24 Nov 2025	24-25 Nov 2025	25-26 Nov 2025	26-27 Nov 2025	27-28 Nov 2025
12:00 - 13:00	56.5	42.0	41.1	45.4	46.3	45.8	46.1
13:00 - 14:00	46.8	41.2	42.1	44.6	45.6	41.9	44.5
14:00 - 15:00	46.4	43.4	42.7	42.4	57.6	43.7	45.0
15:00 - 16:00	47.7	44.6	48.5	49.5	48.2	44.3	46.1
16:00 - 17:00	47.3	46.5	46.5	45.9	46.6	45.0	48.8
17:00 - 18:00	47.6	46.6	46.9	48.5	45.2	46.9	47.7
18:00 - 19:00	47.8	49.5	48.9	48.0	43.4	47.2	45.1
19:00 - 20:00	46.8	53.2	50.1	50.1	44.9	44.9	48.3
20:00 - 21:00	45.3	54.7	52.0	47.6	45.8	43.7	42.9
21:00 - 22:00	46.4	54.1	54.1	45.0	42.9	47.4	41.8
22:00 - 23:00	49.4	54.1	55.3	43.7	41.9	43.0	41.9
23:00 - 00:00	54.7	50.7	50.1	42.8	40.7	41.1	40.8
00:00 - 01:00	54.2	50.1	43.0	43.2	40.8	41.5	40.2
01:00 - 02:00	54.5	51.6	42.6	42.6	40.6	42.0	40.6
02:00 - 03:00	53.7	46.1	42.3	42.7	40.6	41.2	40.5
03:00 - 04:00	47.9	46.3	42.5	43.6	40.6	41.5	40.4
04:00 - 05:00	45.8	47.0	44.2	43.0	40.5	42.2	40.1
05:00 - 06:00	45.6	46.6	45.6	46.7	42.2	45.7	41.9
06:00 - 07:00	48.2	50.0	48.1	51.1	49.0	50.2	46.3
07:00 - 08:00	48.5	51.7	51.7	49.6	49.4	50.1	49.7
08:00 - 09:00	47.2	52.1	45.9	49.0	47.5	47.6	49.1
09:00 - 10:00	45.2	47.1	44.5	47.0	45.9	49.9	42.6
10:00 - 11:00	46.4	40.9	50.7	46.1	51.0	48.2	42.1
11:00 - 12:00	44.5	43.1	46.9	47.4	44.2	47.6	44.6
Leq(24)*	50.2	49.8	48.8	46.9	47.7	46.1	45.2
Ldn	57.9	56.4	55.0	52.3	51.0	51.3	49.3
Lmax **	83.1	80.9	81.2	76.6	90.7	77.9	74.9
Standard-24Hr	70 dB(A)						
Standard-Max	115 dB(A)						

Remark : * Average time between 12:00-12:00

** Maximum Sound Pressure Level between 12:00-12:00

(Miss Katesarin Vorradetwittaya)
Environmental Scientist

Preeda S.
(Miss Preeda Somjai)
Technical Management Team



Noise Monitoring Result : Background Noise MTR-REN Operation

Location : Moo 4, Ban Nong Bon

Monitor Period : 21-28 Nov 2025

SLM Model : Cirrus CR162B

Serial No : G300990

Site Operator : Mr. Sittichai Sawangwongchai

Calibrator Model : Cirrus CR:515

Serial No : 97097

Calibration Ref dB(A) : 94.0

Certified Date : 14 Oct 2025

SLM Reading / Adjust dB(A) : 93.7/0.0

Expire Date : 13 Oct 2026

Cal Sheet No.: CR-515-2025-310

Time	L90 (dB(A))						
	21-22 Nov 2025	22-23 Nov 2025	23-24 Nov 2025	24-25 Nov 2025	25-26 Nov 2025	26-27 Nov 2025	27-28 Nov 2025
12:00 - 13:00	42.6	37.4	36.4	39.9	40.4	37.3	40.1
13:00 - 14:00	41.9	36.1	35.8	38.3	42.4	37.1	39.9
14:00 - 15:00	41.8	37.4	37.4	37.4	44.7	38.2	40.4
15:00 - 16:00	42.1	38.1	42.2	41.3	42.1	39.5	40.7
16:00 - 17:00	40.9	39.2	40.2	38.8	40.3	37.6	43.1
17:00 - 18:00	40.0	38.4	38.5	40.4	38.5	40.7	41.7
18:00 - 19:00	46.5	45.6	42.1	42.5	39.2	44.7	43.4
19:00 - 20:00	43.5	46.3	46.1	48.3	43.0	43.0	42.9
20:00 - 21:00	42.0	49.8	44.6	44.5	43.1	41.9	40.9
21:00 - 22:00	42.3	51.1	47.3	43.9	41.2	42.5	40.8
22:00 - 23:00	43.5	50.7	50.5	42.1	41.1	40.5	40.9
23:00 - 00:00	44.1	44.2	42.2	41.4	39.8	40.2	39.8
00:00 - 01:00	48.0	41.6	41.6	42.2	40.0	40.4	38.8
01:00 - 02:00	41.5	41.8	41.4	41.7	39.7	40.5	38.1
02:00 - 03:00	42.0	41.0	41.1	41.5	39.7	40.2	38.3
03:00 - 04:00	41.7	41.3	40.7	41.2	39.5	39.9	37.7
04:00 - 05:00	41.5	42.4	42.1	40.0	39.1	41.4	38.2
05:00 - 06:00	41.7	44.1	43.3	43.3	40.1	42.7	39.7
06:00 - 07:00	45.0	46.3	45.1	47.4	43.1	45.6	42.5
07:00 - 08:00	41.7	44.7	45.9	42.4	42.0	42.5	43.3
08:00 - 09:00	38.4	43.8	40.6	40.7	40.6	41.5	40.1
09:00 - 10:00	39.0	38.9	39.4	38.8	38.7	43.3	37.0
10:00 - 11:00	39.5	35.7	42.1	39.7	38.9	42.3	36.5
11:00 - 12:00	38.6	35.9	40.1	40.8	39.5	42.7	37.7
L90(avg)*	42.7	44.6	43.4	42.5	41.0	41.6	40.6

Remark : * Average time between 12:00-12:00

(Miss Katesarin Vorradetwittaya)
Environmental Scientist

Preeda S.
(Miss Preeda Somjai)
Technical Management Team



Noise Monitoring Result : Community Noise MTR-REN Operation

Location : Moo 6, Ban Na Yai Monitor Period : 21-28 Nov 2025
SLM Model : Cirrus CR162C Serial No : G301029
Site Operator : Mr. Sittichai Sawangwongchai

Calibrator Model : Cirrus CR:515 Serial No : 97097
Calibration Ref dB(A) : 94.0 Certified Date : 14 Oct 2025
SLM Reading / Adjust dB(A) : 93.7/0.0 Expire Date : 13 Oct 2026
Cal Sheet No.: CR-515-2025-310

Time	Equivalent Sound Pressure Level (dB(A))						
	21-22 Nov 2025	22-23 Nov 2025	23-24 Nov 2025	24-25 Nov 2025	25-26 Nov 2025	26-27 Nov 2025	27-28 Nov 2025
14:00 - 15:00	58.5	44.1	46.1	46.2	46.5	58.2	47.0
15:00 - 16:00	50.2	45.0	48.4	53.7	47.4	51.9	46.3
16:00 - 17:00	46.2	46.3	48.1	49.0	48.7	44.0	51.0
17:00 - 18:00	48.6	49.6	48.5	51.2	46.9	48.0	48.7
18:00 - 19:00	51.1	50.4	49.8	51.6	52.1	50.4	47.1
19:00 - 20:00	50.6	49.1	51.6	55.2	54.5	52.2	47.2
20:00 - 21:00	49.9	50.2	51.7	54.4	54.4	51.9	46.6
21:00 - 22:00	48.2	49.3	50.8	53.0	49.7	51.2	46.4
22:00 - 23:00	47.1	48.6	48.1	50.1	46.7	48.8	45.5
23:00 - 00:00	46.4	48.6	47.9	49.4	45.9	47.4	45.1
00:00 - 01:00	46.4	48.2	46.9	47.4	45.2	47.2	42.6
01:00 - 02:00	44.0	50.2	48.4	49.1	44.7	45.0	42.8
02:00 - 03:00	44.3	48.8	49.2	49.2	44.5	44.4	41.4
03:00 - 04:00	45.1	47.4	48.7	49.5	45.7	44.8	41.1
04:00 - 05:00	47.3	47.5	49.7	49.7	46.1	44.3	44.0
05:00 - 06:00	48.6	49.2	49.8	50.2	52.3	50.9	53.6
06:00 - 07:00	50.9	52.7	55.8	51.7	53.3	50.6	58.1
07:00 - 08:00	50.0	47.6	52.2	51.0	50.7	51.0	48.9
08:00 - 09:00	48.5	48.9	50.0	52.4	51.5	50.3	46.8
09:00 - 10:00	47.7	44.9	48.2	46.4	52.0	49.6	46.8
10:00 - 11:00	47.7	45.6	50.8	48.7	58.6	50.1	47.8
11:00 - 12:00	47.8	43.3	50.0	51.0	55.9	49.9	53.8
12:00 - 13:00	46.4	44.8	48.0	47.3	58.9	48.2	50.3
13:00 - 14:00	45.3	43.6	47.1	46.0	53.6	45.9	46.4
Leq(24)*	49.7	48.3	50.0	50.8	52.4	50.4	49.5
Ldn	54.3	55.5	56.7	56.4	56.2	54.9	56.8
Lmax **	89.9	79.9	86.0	81.2	92.6	81.2	88.4
Standard-24Hr	70 dB(A)						
Standard-Max	115 dB(A)						

Remark : * Average time between 14:00-14:00

** Maximum Sound Pressure Level between 14:00-14:00

(Miss Katesarin Vorradetwittaya)
Environmental Scientist

Preeda S.
(Miss Preeda Somjai)
Technical Management Team



Noise Monitoring Result : Background Noise MTR-REN Operation

Location : Moo 6, Ban Na Yai Monitor Period : 21-28 Nov 2025
SLM Model : Cirrus CR162C Serial No : G301029
Site Operator : Mr. Sittichai Sawangwongchai

Calibrator Model : Cirrus CR:515 Serial No : 97097
Calibration Ref dB(A) : 94.0 Certified Date : 14 Oct 2025
SLM Reading / Adjust dB(A) : 93.7/0.0 Expire Date : 13 Oct 2026
Cal Sheet No.: CR-515-2025-310

Time	L90 (dB(A))						
	21-22 Nov 2025	22-23 Nov 2025	23-24 Nov 2025	24-25 Nov 2025	25-26 Nov 2025	26-27 Nov 2025	27-28 Nov 2025
14:00 - 15:00	44.1	38.9	42.6	42.8	44.0	47.1	41.8
15:00 - 16:00	43.9	40.6	43.7	44.1	43.8	40.0	41.0
16:00 - 17:00	43.4	41.6	44.0	41.9	40.5	39.9	42.1
17:00 - 18:00	41.6	43.8	43.8	42.5	42.6	42.7	42.7
18:00 - 19:00	44.3	47.2	45.5	46.3	44.4	45.3	44.7
19:00 - 20:00	49.3	47.6	49.3	54.6	54.0	51.5	45.4
20:00 - 21:00	48.9	48.0	50.5	53.4	53.5	51.2	44.3
21:00 - 22:00	46.6	48.4	48.1	50.4	46.0	46.8	43.5
22:00 - 23:00	46.2	47.7	47.2	49.1	45.4	47.2	42.5
23:00 - 00:00	44.2	48.0	46.7	47.5	45.2	47.0	42.5
00:00 - 01:00	44.1	47.2	45.7	46.8	44.6	46.8	41.1
01:00 - 02:00	43.1	48.1	45.7	47.5	44.2	43.8	40.7
02:00 - 03:00	43.2	44.6	48.5	48.6	43.9	43.8	40.1
03:00 - 04:00	43.1	44.2	45.2	48.0	44.2	43.5	39.1
04:00 - 05:00	45.2	46.4	45.7	48.5	43.6	42.7	39.6
05:00 - 06:00	43.5	44.0	46.5	44.3	45.0	42.5	41.5
06:00 - 07:00	42.9	42.4	45.6	42.6	46.3	43.6	44.7
07:00 - 08:00	43.8	42.1	47.0	43.7	43.7	44.6	43.7
08:00 - 09:00	41.2	40.8	45.1	42.3	41.5	43.0	40.7
09:00 - 10:00	40.7	39.9	42.0	41.0	40.7	43.9	39.9
10:00 - 11:00	42.1	39.4	42.8	42.8	43.0	44.5	41.0
11:00 - 12:00	41.5	38.9	45.2	43.1	44.0	43.3	47.6
12:00 - 13:00	39.7	39.4	44.6	41.7	46.8	42.5	44.3
13:00 - 14:00	39.3	37.9	43.4	40.8	42.2	40.3	38.6
L90(avg)*	44.3	44.9	46.1	47.5	46.4	45.6	42.8

Remark : * Average time between 14:00-14:00

(Miss Katesarin Vorradetwittaya)
Environmental Scientist

Preeda S.
(Miss Preeda Somjai)
Technical Management Team

ภาคผนวก ๑.4

ใบรับรองผลการตรวจวิเคราะห์คุณภาพน้ำทิ้ง



บริษัท ซีคอต จำกัด
SECOT CO., LTD.

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TEL. (662) 959-3600 FAX (662) 959-3535 Website : secot.co.th E-mail : envserv@secot.co.th

WATER AND WASTEWATER ANALYSIS REPORT

CLIENT NAME	: R E N Korat Energy Co., Ltd.	REQUEST SERVICE No.	: 1356/68
SAMPLING BY	: SECOT Co., Ltd.	SAMPLING METHOD	: Grab
SAMPLING DATE	: 22/07/2025	SAMPLING TIME	: 14:10
RECEIVED DATE	: 23/07/2025	ANALYTICAL DATE	: 23-30/07/2025
REPORT DATE	: 31/07/2025	SITE OPERATOR	: Mr. Chilpon Somprasong
SAMPLE CONDITION	: Normal	FILE CODE	: 225046_WW_July

PARAMETER	UNIT	ANALYSIS METHODS	ND (non-detectable)	STATION ป้อมหน้าตั้ง	STANDARD ¹⁾
Temperature	"C	2550 B	< 0.5	29.4	≤ 40
pH	-	4500-H ⁺ B	< 0.10	7.62	5.5-9.0
Total Dissolved Solids	mg/l	2540 C	< 25	278	≤ 3,000
Total Suspended Solids	mg/l	2540 D	< 2.5	4.4	≤ 50
Fat Oil & Grease	mg/l	5520 B	< 2.0	ND	≤ 5
TKN	mg/l	4500-N _{org} B	< 0.20	8.3	≤ 100
Nitrate (NO ₃)*	mg/l	4500-NO ₃ - E	< 0.02	ND	≤ 10
BOD ₅	mg/l	5210 B	< 1.0	6.5	≤ 20
COD	mg/l	5220 C	< 15.00	28.21	≤ 120
Total Copper (Cu)	mg/l	3120 B	< 0.001	0.07	≤ 2.0
Total Iron (Fe)*	mg/l	3120 B	< 0.004	0.21	≤ 1.0

REFERENCE : STANDARD METHODS FOR EXAMINATION OF WATER AND WASTEWATER 23rd ED, 2017 (APHA, APTA, WEF)

Khemchuda Insom

(Miss Khemchuda Insom)

Analyst

REG. NO. 2-239-ก-0005

Araya Tipparuk

(Mrs. Araya Tipparuk)

Technical Management Team

REG. NO. 2-239-ก-0004

- Remark :**
1. Reported analysis refers to submitted sample only.
 2. This report shall not be reproduced, except in full, without official approval.
 3. ¹⁾ Notification of the Ministry of Natural Resources and Environment B.E.2565 (2022) (Power Plant).
 4. * Not registered with the Department of Industrial Works.
 5. - Not available.



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WATER AND WASTEWATER ANALYSIS REPORT

CLIENT NAME	: R E N Korat Energy Co., Ltd.	REQUEST SERVICE No.	: 1559/68
SAMPLING BY	: SECOT Co., Ltd.	REGISTRATION No.	: 2-239
SAMPLING DATE	: 22/08/2025	SAMPLING METHOD	: Grab
RECEIVED DATE	: 23/08/2025	SAMPLING TIME	: 08:20
ANALYTICAL DATE	: 23-29/08/2025	SITE OPERATOR	: Miss Thipsuda Wannakran
REPORT DATE	: 29/08/2025		: 2-239-ก-0027
SAMPLE CONDITION	: เหลืองใสสะอาด	FILE CODE	: 225046_WW_August

PARAMETER	UNIT	ANALYSIS METHODS	ND (non-detectable)	STATION ป้อมหน้าตั้ง	STANDARD ¹⁾
Temperature	"C	2550 B	< 0.5	29.6	≤ 40
pH	-	4500-H ⁺ B	< 0.10	8.24	5.5-9.0
Total Dissolved Solids	mg/l	2540 C	< 25	254	≤ 3,000
Total Suspended Solids	mg/l	2540 D	< 2.5	10	≤ 50
Fat Oil & Grease	mg/l	5520 B	< 2.0	ND	≤ 5
TKN	mg/l	4500-N _{org} B	< 0.20	7.7	≤ 100
BOD ₅	mg/l	5210 B	< 1.0	6.4	≤ 20
COD	mg/l	5220 C	< 15.00	32.78	≤ 120
Total Copper (Cu)	mg/l	3120 B	< 0.001	0.05	≤ 2.0

REFERENCE : STANDARD METHODS FOR EXAMINATION OF WATER AND WASTEWATER 23rd ED, 2017 (APHA, APTA, WEF)

Khemchuda Insom

(Miss Khemchuda Insom)

Analyst

REG. NO. 2-239-ก-0005

Araya Tipparuk

(Mrs. Araya Tipparuk)

Technical Management Team

REG. NO. 2-239-ก-0004

- Remark :**
1. Reported analysis refers to submitted sample only.
 2. This report shall not be reproduced, except in full, without official approval.
 3. ¹⁾ Notification of the Ministry of Natural Resources and Environment B.E.2565 (2022) (Power Plant).
 5. - Not available.



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WATER AND WASTEWATER ANALYSIS REPORT

CLIENT NAME	: R E N Korat Energy Co., Ltd.	REQUEST SERVICE No.	: 1559/68
SAMPLING BY	: SECOT Co., Ltd.	REGISTRATION No.	: 7-239
SAMPLING DATE	: 22/08/2025	SAMPLING METHOD	: Grab
RECEIVED DATE	: 23/08/2025	SAMPLING TIME	: 08:20
ANALYTICAL DATE	: 23-29/08/2025	SITE OPERATOR	: Miss Thipsuda Wannakran
REPORT DATE	: 29/08/2025		: 7-239-ก-0027
SAMPLE CONDITION	: เหลืองใสสะอาด	FILE CODE	: 225046_WW_August

PARAMETER	UNIT	ANALYSIS METHODS	ND (non-detectable)	STATION ปอพักน้ำทิ้ง	STANDARD ^{1/}
Nitrate (NO ₃)	mg/l	4500-NO ₃ -E	< 0.02	0.07	≤ 10
Total Iron (Fe)	mg/l	3120 B	< 0.004	0.22	≤ 1.0

REFERENCE : STANDARD METHODS FOR EXAMINATION OF WATER AND WASTEWATER 23rd ED, 2017 (AWWA, APHA, WEF)

(Miss Khemchuda Insorn)

Analyst

REG. NO. 7-239-ก-0005

(Mrs. Araya Tipparuk)

Technical Management Team

REG. NO. 7-239-ก-0004

Remark : 1. Reported analysis refers to submitted sample only.

2. This report shall not be reproduced, except in full, without official approval.

3. ^{1/} Notification of the Ministry of Natural Resources and Environment B.E.2565 (2022) (Power Plant).

4. - Not available.



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SECOT CO., LTD.

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WATER AND WASTEWATER ANALYSIS REPORT

CLIENT NAME	: R E N Korat Energy Co., Ltd.	REQUEST SERVICE No.	: 1803/68
SAMPLING BY	: SECOT Co., Ltd.	REGISTRATION No.	: 7-239
SAMPLING DATE	: 23/09/2025	SAMPLING METHOD	: Grab
RECEIVED DATE	: 24/09/2025	SAMPLING TIME	: 10:50
ANALYTICAL DATE	: 24-30/09/2025	SITE OPERATOR	: Mr.Thanawut Duansaeng
REPORT DATE	: 01/10/2025		: 7-239-ก-0031
SAMPLE CONDITION	: เหลืองใสสะอาด	FILE CODE	: 225046_WW_September

PARAMETER	UNIT	ANALYSIS METHODS	ND (non-detectable)	STATION ปอพักน้ำทิ้ง	STANDARD ^{1/}
Temperature	°C	2550 B	< 0.5	30.0	≤ 40
pH		4500-H ⁺ B	< 0.10	8.10	5.5-9.0
Total Dissolved Solids	mg/l	2540 C	< 25	216	≤ 3,000
Total Suspended Solids	mg/l	2540 D	< 2.5	12	≤ 50
Fat Oil & Grease	mg/l	5520 B	< 2.0	ND	≤ 5
TKN	mg/l	4500-N _{org} B	< 0.20	6.3	≤ 100
BOD ₅	mg/l	5210 B	< 1.0	4.5	≤ 20
COD	mg/l	5220 C	< 15.00	19.82	≤ 120
Total Copper (Cu)	mg/l	3120 B	< 0.001	0.07	≤ 2.0

REFERENCE : STANDARD METHODS FOR EXAMINATION OF WATER AND WASTEWATER 23rd ED, 2017 (AWWA, APHA, WEF)

(Miss Khemchuda Insorn)

Analyst

REG. NO. 7-239-ก-0005

(Mrs. Araya Tipparuk)

Technical Management Team

REG. NO. 7-239-ก-0004

Remark : 1. Reported analysis refers to submitted sample only.

2. This report shall not be reproduced, except in full, without official approval.

3. ^{1/} Notification of the Ministry of Natural Resources and Environment B.E.2565 (2022) (Power Plant).

5. - Not available.



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WATER AND WASTEWATER ANALYSIS REPORT

CLIENT NAME	: R E N Korat Energy Co., Ltd.	REQUEST SERVICE No.	: 1803/68
SAMPLING BY	: SECOT Co., Ltd.	REGISTRATION No.	: -
SAMPLING DATE	: 23/09/2025	SAMPLING METHOD	: Grab
RECEIVED DATE	: 24/09/2025	SAMPLING TIME	: 10:50
ANALYTICAL DATE	: 24-30/09/2025	SITE OPERATOR	: Mr.Thanawut Duansaeng
REPORT DATE	: 01/10/2025	FILE CODE	: 225046_WW_September
SAMPLE CONDITION	: เกลือไนเตรท		

PARAMETER	UNIT	ANALYSIS METHODS	ND (non-detectable)	STATION บ่อพักน้ำทิ้ง	STANDARD ¹⁾
Nitrate (NO ₃)	mg/l	4500-NO ₃ -E	< 0.02	ND	≤ 10
Total Iron (Fe)	mg/l	3120 B	< 0.004	0.08	≤ 1.0

REFERENCE : STANDARD METHODS FOR EXAMINATION OF WATER AND WASTEWATER 22nd ED. 2017 (AWWA, APHA, WEF)

Khemchuda Insorn

(Miss Khemchuda Insorn)

Analyst

Araya Tipparuk

(Mrs. Araya Tipparuk)

Technical Management Team

Remark : 1. Reported analysis refers to submitted sample only.

2. This report shall not be reproduced, except in full, without official approval.

3. ¹⁾ Notification of the Ministry of Natural Resources and Environment B.E.2565 (2022) (Power Plant).

4. - Not available.



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TEL. (662) 959-3600 FAX (662) 959-3535 Website : secot.co.th E-mail : envserv@secot.co.th

WATER AND WASTEWATER ANALYSIS REPORT

CLIENT NAME	: R E N Korat Energy Co., Ltd.	REQUEST SERVICE No.	: 2020/68
SAMPLING BY	: SECOT Co., Ltd.	REGISTRATION No.	: 7-239
SAMPLING DATE	: 21/10/2025	SAMPLING METHOD	: Grab
RECEIVED DATE	: 22/10/2025	SAMPLING TIME	: 08:14
ANALYTICAL DATE	: 22-28/10/2025	SITE OPERATOR	: Mr.Thanawut Duansaeng
REPORT DATE	: 28/10/2025	FILE CODE	: 7-239-9-0031
SAMPLE CONDITION	: เกลือไนเตรท		

PARAMETER	UNIT	ANALYSIS METHODS	ND (non-detectable)	STATION บ่อพักน้ำทิ้ง	STANDARD ¹⁾
Temperature	°C	2550 B	< 0.5	29.9	≤ 40
pH	-	4500-H ⁺ B	< 0.10	8.16	5.5-9.0
Total Dissolved Solids	mg/l	2540 C	< 25	246	≤ 3,000
Total Suspended Solids	mg/l	2540 D	< 2.5	8.0	≤ 50
Fat Oil & Grease	mg/l	5520 B	< 2.0	ND	≤ 5
TKN	mg/l	4500-N _{org} B	< 0.20	5.8	≤ 100
BOD ₅	mg/l	5210 B	< 1.0	4.8	≤ 20
COD	mg/l	5220 C	< 15.00	30.17	≤ 120
Total Copper (Cu)	mg/l	3120 B	< 0.001	0.12	≤ 2.0

REFERENCE : STANDARD METHODS FOR EXAMINATION OF WATER AND WASTEWATER 22nd ED. 2017 (AWWA, APHA, WEF)

Khemchuda Insorn

(Miss Khemchuda Insorn)

Analyst

REG. NO. 7-239-n-0005

Araya Tipparuk

(Mrs. Araya Tipparuk)

Technical Management Team

REG. NO. 7-239-n-0004

Remark : 1. Reported analysis refers to submitted sample only.

2. This report shall not be reproduced, except in full, without official approval.

3. ¹⁾ Notification of the Ministry of Natural Resources and Environment B.E.2565 (2022) (Power Plant).

5. - Not available.



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TEL. (662) 959-3600 FAX (662) 959-3535 Website : secot.co.th E-mail : envserv@secot.co.th

WATER AND WASTEWATER ANALYSIS REPORT

CLIENT NAME	: R E N Korat Energy Co., Ltd.	REQUEST SERVICE No.	: 2020/68
SAMPLING BY	: SECOT Co., Ltd.	REGISTRATION No.	: -
SAMPLING DATE	: 21/10/2025	SAMPLING METHOD	: Grab
RECEIVED DATE	: 22/10/2025	SAMPLING TIME	: 08:14
ANALYTICAL DATE	: 22-28/10/2025	SITE OPERATOR	: Mr. Thanawut Duansaeng
REPORT DATE	: 28/10/2025		: -
SAMPLE CONDITION	: เหลือใส	FILE CODE	: 225046_WW_October

PARAMETER	UNIT	ANALYSIS METHODS	ND (non-detectable)	STATION บ่อพักน้ำทิ้ง	STANDARD ^{1/}
Nitrate (NO ₃)	mg/l	4500-NO ₃ -E	< 0.02	ND	≤ 10
Total Iron (Fe)	mg/l	3120 B	< 0.004	< 0.05	≤ 1.0

REFERENCE : STANDARD METHODS FOR EXAMINATION OF WATER AND WASTEWATER 24th ED., 2012 (AWWA, APHA, WEF)

(Miss Khemchuda Insorn)
Analyst

(Mrs. Araya Tipparuk)
Technical Management Team

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3. ^{1/} Notification of the Ministry of Natural Resources and Environment B.E.2565 (2022) (Power Plant).
4. - Not available.



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TEL. (662) 959-3600 FAX (662) 959-3535 Website : secot.co.th E-mail : envserv@secot.co.th

WATER AND WASTEWATER ANALYSIS REPORT

CLIENT NAME	: R E N Korat Energy Co., Ltd.	REQUEST SERVICE No.	: 2210/68
SAMPLING BY	: SECOT Co., Ltd.	REGISTRATION No.	: 2-239
SAMPLING DATE	: 18/11/2025	SAMPLING METHOD	: Grab
RECEIVED DATE	: 19/11/2025	SAMPLING TIME	: 09:12
ANALYTICAL DATE	: 19-24/11/2025	SITE OPERATOR	: Mr. Chilpon Somprasong
REPORT DATE	: 25/11/2025		: 2-239-0-0008
SAMPLE CONDITION	: เหลือใสมีตะกอน	FILE CODE	: 225046_WW_November

PARAMETER	UNIT	ANALYSIS METHODS	ND (non-detectable)	STATION บ่อพักน้ำทิ้ง	STANDARD ^{1/}
Temperature	°C	2550 B	< 0.5	25.5	≤ 40
pH	-	4500-H ⁺ B	< 0.10	7.63	5.5-9.0
Total Dissolved Solids	mg/l	2540 C	< 25	249	≤ 3,000
Total Suspended Solids	mg/l	2540 D	< 2.5	< 2.5	≤ 50
Fat Oil & Grease	mg/l	5520 B	< 2.0	ND	≤ 5
TKN	mg/l	4500-N _{org} B	< 0.20	4.5	≤ 100
BOD ₅	mg/l	5210 B	< 1.0	1.7	≤ 20
COD	mg/l	5220 C	< 15.00	18.54	≤ 120
Total Copper (Cu)	mg/l	3120 B	< 0.001	0.06	≤ 2.0

REFERENCE : STANDARD METHODS FOR EXAMINATION OF WATER AND WASTEWATER 24th ED., 2012 (AWWA, APHA, WEF)

(Miss Khemchuda Insorn)
Analyst
REG. NO. 2-239-0-0005

(Mrs. Araya Tipparuk)
Technical Management Team
REG. NO. 2-239-0-0004

- Remark : 1. Reported analysis refers to submitted sample only.
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3. ^{1/} Notification of the Ministry of Natural Resources and Environment B.E.2565 (2022) (Power Plant).
5. - Not available.



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TEL. (662) 959-3600 FAX (662) 959-3535 Website : secot.co.th E-mail : envserv@secot.co.th

WATER AND WASTEWATER ANALYSIS REPORT

CLIENT NAME	: R E N Korat Energy Co., Ltd.	REQUEST SERVICE No.	: 2210/68
SAMPLING BY	: SECOT Co., Ltd.	REGISTRATION No.	: -
SAMPLING DATE	: 18/11/2025	SAMPLING METHOD	: Grab
RECEIVED DATE	: 19/11/2025	SAMPLING TIME	: 09:12
ANALYTICAL DATE	: 19-24/11/2025	SITE OPERATOR	: Mr. Chitpon Somprasong
REPORT DATE	: 25/11/2025	FILE CODE	: 225046_WW_November
SAMPLE CONDITION	: เหลืองใสสะอาด		

PARAMETER	UNIT	ANALYSIS METHODS	ND (non-detectable)	STATION ป้อมกัน้ำทิ้ง	STANDARD ¹⁾
Nitrate (NO ₃)	mg/l	4500-NO ₃ -E	< 0.02	ND	≤ 10
Total Iron (Fe)	mg/l	3120 B	< 0.004	< 0.05	≤ 1.0

REFERENCE: STANDARD METHODS FOR EXAMINATION OF WATER AND WASTEWATER 24th ED., 2021 (APHA, APTA, WEF)

(Miss Khemchuda Insorn)
Analyst

(Mrs. Araya Tipparuk)
Technical Management Team

- Remark : 1. Reported analysis refers to submitted sample only.
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3. ¹⁾ Notification of the Ministry of Natural Resources and Environment B.E.2565 (2022) (Power Plan).
4. - Not available.



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WATER AND WASTEWATER ANALYSIS REPORT

CLIENT NAME	: R E N Korat Energy Co., Ltd.	REQUEST SERVICE No.	: 2429/68
SAMPLING BY	: SECOT Co., Ltd.	REGISTRATION No.	: 7-239
SAMPLING DATE	: 19/12/2025	SAMPLING METHOD	: Grab
RECEIVED DATE	: 20/12/2025	SAMPLING TIME	: 11:20
ANALYTICAL DATE	: 20-25/12/2025	SITE OPERATOR	: Mr. Chitpon Somprasong
REPORT DATE	: 26/12/2025	FILE CODE	: 7-239-0-0008
SAMPLE CONDITION	: เหลืองใส		: 225046_WW_December

PARAMETER	UNIT	ANALYSIS METHODS	ND (non-detectable)	STATION ป้อมกัน้ำทิ้ง	STANDARD ¹⁾
Temperature	°C	2550 B	< 0.5	27.2	≤ 40
pH	-	4500-H ⁺ B	< 0.10	7.69	5.5-9.0
Total Dissolved Solids	mg/l	2540 C	< 25	313	≤ 3,000
Total Suspended Solids	mg/l	2540 D	< 2.5	< 2.5	≤ 50
Fat Oil & Grease	mg/l	5520 B	< 2.0	ND	≤ 5
TKN	mg/l	4500-N _{org} B	< 0.20	3.9	≤ 100
BOD ₅	mg/l	5210 B	< 1.0	1.5	≤ 20
COD	mg/l	5220 C	< 15.00	30.78	≤ 120
Total Copper (Cu)	mg/l	3120 B	< 0.001	0.03	≤ 2.0

REFERENCE: STANDARD METHODS FOR EXAMINATION OF WATER AND WASTEWATER 24th ED., 2021 (APHA, APTA, WEF)

(Miss Khemchuda Insorn)
Analyst
REG. NO. 7-239-0-0005

(Mrs. Araya Tipparuk)
Technical Management Team
REG. NO. 7-239-0-0004

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3. ¹⁾ Notification of the Ministry of Natural Resources and Environment B.E.2565 (2022) (Power Plan).
5. - Not available.



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WATER AND WASTEWATER ANALYSIS REPORT

CLIENT NAME	: R E N Korat Energy Co., Ltd.	REQUEST SERVICE No.	: 2429/68
SAMPLING BY	: SECOT Co., Ltd.	REGISTRATION No.	: -
SAMPLING DATE	: 19/12/2025	SAMPLING METHOD	: Grab
RECEIVED DATE	: 20/12/2025	SAMPLING TIME	: 11:20
ANALYTICAL DATE	: 20-25/12/2025	SITE OPERATOR	: Mr. Chitpon Somprasong
REPORT DATE	: 26/12/2025		: -
SAMPLE CONDITION	: เหลือใส	FILE CODE	: 225046_WW_December

PARAMETER	UNIT	ANALYSIS METHODS	ND (non-detectable)	STATION บ่อพักน้ำทิ้ง	STANDARD ^u
Nitrate (NO ₃)	mg/l	4500-NO ₃ -E	< 0.02	0.03	≤ 10
Total Iron (Fe)	mg/l	3120 B	< 0.004	< 0.05	≤ 1.0

REFERENCE: STANDARD METHODS FOR EXAMINATION OF WATER AND WASTEWATER, 2nd ED. 2023 (APWA/APHA/WWF)

(Miss Khemchuda Inorn)

Analyst

(Mrs. Araya Tipparuk)

Technical Management Team

Remark : 1. Reported analysis refers to submitted sample only.

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3. ^u Notification of the Ministry of Natural Resources and Environment B.E.2565 (2022) (Power Plant).

4. - Not available.

ภาคผนวก ง.5

ใบรับรองผลการตรวจวัดระดับเสียงในสถานที่ทำงาน



Noise Monitoring Result : Working Noise MTR-REN Operation

Location : Radiator Monitor Period : Aug 22, 2025
SLM Model : Cirrus CR162C Serial No : G300832
Site Operator : Mr. Pongsiri Jukkeaw

Calibrator Model : Cirrus CR:515 Serial No : 94296
Calibration Ref dB(A) : 94.0 Certified Date : Feb 27 2025
SLM Reading / Adjust dB(A) : 93.7/0.0 Expire Date : Feb 25 2026
Cal Sheet No.: CR-515-2025-199

Time	Equivalent Sound Pressure Level (dB(A))	
	Aug 22, 2025	
00:00 - 01:00		
01:00 - 02:00		
02:00 - 03:00		
03:00 - 04:00		
04:00 - 05:00		
05:00 - 06:00		
06:00 - 07:00		
07:00 - 08:00		
08:00 - 09:00	82.8	
09:00 - 10:00	82.6	
10:00 - 11:00	82.6	
11:00 - 12:00	79.6	
12:00 - 13:00	78.6	
13:00 - 14:00	79.2	
14:00 - 15:00	79.6	
15:00 - 16:00	79.7	
16:00 - 17:00		
17:00 - 18:00		
18:00 - 19:00		
19:00 - 20:00		
20:00 - 21:00		
21:00 - 22:00		
22:00 - 23:00		
23:00 - 24:00		
Leq(8)*	80.9	
Lmax **	99.4	
Standard-8Hr	90 dB(A)	
Standard-Max	140 dB(A)	

Remark : * Average time between 08:00-16:00

** Maximum Sound Pressure Level between 08:00-16:00

(Miss Katesarin Vorradetwittaya)
Environmental Scientist

(Miss Sununta Sirawuttinanon)
Technical Management Team



Noise Monitoring Result : Working Noise MTR-REN Operation

Location : Boiler Pump Monitor Period : Aug 22, 2025
SLM Model : SCARLET ST-21D Serial No : 820725
Site Operator : Mr. Pongsiri Jukkeaw

Calibrator Model : Cirrus CR:515 Serial No : 94296
Calibration Ref dB(A) : 94.0 Certified Date : Feb 27 2025
SLM Reading / Adjust dB(A) : 94.4/-0.6 Expire Date : Feb 25 2026
Cal Sheet No.: CR-515-2025-200

Time	Equivalent Sound Pressure Level (dB(A))	
	Aug 22, 2025	
00:00 - 01:00		
01:00 - 02:00		
02:00 - 03:00		
03:00 - 04:00		
04:00 - 05:00		
05:00 - 06:00		
06:00 - 07:00		
07:00 - 08:00		
08:00 - 09:00	69.2	
09:00 - 10:00	68.1	
10:00 - 11:00	70.8	
11:00 - 12:00	70.9	
12:00 - 13:00	70.7	
13:00 - 14:00	70.9	
14:00 - 15:00	71.7	
15:00 - 16:00	72.2	
16:00 - 17:00		
17:00 - 18:00		
18:00 - 19:00		
19:00 - 20:00		
20:00 - 21:00		
21:00 - 22:00		
22:00 - 23:00		
23:00 - 24:00		
Leq(8)*	70.7	
Lmax **	88.5	
Standard-8Hr	90 dB(A)	
Standard-Max	140 dB(A)	

Remark : * Average time between 08:00-16:00

** Maximum Sound Pressure Level between 08:00-16:00

(Miss Katesarin Vorradetwittaya)
Environmental Scientist

(Miss Sununta Sirawuttinanon)
Technical Management Team



Noise Monitoring Result : Working Noise MTR-REN Operation

Location : Electrical Generator Monitor Period : Aug 22, 2025
SLM Model : SCARLET ST-21D Serial No : 821078
Site Operator : Mr. Pongsiri Jukkeaw

Calibrator Model : Cirrus CR:515 Serial No : 94296
Calibration Ref dB(A) : 94.0 Certified Date : Feb 27 2025
SLM Reading / Adjust dB(A) : 94.3/-0.5 Expire Date : Feb 25 2026
Cal Sheet No.: CR-515-2025-200

Time	Equivalent Sound Pressure Level (dB(A))	
	Aug 22, 2025	
00:00 - 01:00		
01:00 - 02:00		
02:00 - 03:00		
03:00 - 04:00		
04:00 - 05:00		
05:00 - 06:00		
06:00 - 07:00		
07:00 - 08:00		
08:00 - 09:00	72.5	
09:00 - 10:00	72.2	
10:00 - 11:00	72.1	
11:00 - 12:00	67.1	
12:00 - 13:00	64.8	
13:00 - 14:00	64.8	
14:00 - 15:00	64.6	
15:00 - 16:00	64.5	
16:00 - 17:00		
17:00 - 18:00		
18:00 - 19:00		
19:00 - 20:00		
20:00 - 21:00		
21:00 - 22:00		
22:00 - 23:00		
23:00 - 24:00		
Leq(8)*	69.3	
Lmax **	95.4	
Standard-8Hr	90 dB(A)	
Standard-Max	140 dB(A)	

Remark : * Average time between 08:00-16:00

** Maximum Sound Pressure Level between 08:00-16:00

(Miss Katesarin Vorradetwittaya)
Environmental Scientist

(Miss Sununta Sirawuttinanon)
Technical Management Team



Noise Monitoring Result : Working Noise MTR-REN Operation

Location : Radiator Monitor Period : Oct 21, 2025
SLM Model : SCARLET ST-21D Serial No : 821079
Site Operator : Mr. Pongsiri Jukkeaw

Calibrator Model : Cirrus CR:515 Serial No : 94296
Calibration Ref dB(A) : 94.0 Certified Date : Feb 27 2025
SLM Reading / Adjust dB(A) : 93.8/0.0 Expire Date : Feb 25 2026
Cal Sheet No.: CR-515-2025-274

Time	Equivalent Sound Pressure Level (dB(A))	
	Oct 21, 2025	
00:00 - 01:00		
01:00 - 02:00		
02:00 - 03:00		
03:00 - 04:00		
04:00 - 05:00		
05:00 - 06:00		
06:00 - 07:00		
07:00 - 08:00		
08:00 - 09:00	74.2	
09:00 - 10:00	74.0	
10:00 - 11:00	74.0	
11:00 - 12:00	74.0	
12:00 - 13:00	74.0	
13:00 - 14:00	74.0	
14:00 - 15:00	73.9	
15:00 - 16:00	74.0	
16:00 - 17:00		
17:00 - 18:00		
18:00 - 19:00		
19:00 - 20:00		
20:00 - 21:00		
21:00 - 22:00		
22:00 - 23:00		
23:00 - 24:00		
Leq(8)*	74.0	
Lmax **	80.6	
Standard-8Hr	90 dB(A)	
Standard-Max	140 dB(A)	

Remark : * Average time between 08:00-16:00

** Maximum Sound Pressure Level between 08:00-16:00

(Miss Katesarin Vorradetwittaya)
Environmental Scientist

(Miss Sununta Sirawuttinanon)
Technical Management Team



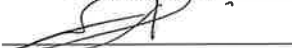
Noise Monitoring Result : Working Noise MTR-REN Operation

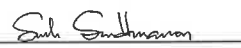
Location : Boiler Pump	Monitor Period : Oct 21, 2025
SLM Model : SCARLET ST-21D	Serial No : 821080
Site Operator : Mr. Pongsiri Jukkeaw	
Calibrator Model : Cirrus CR:515	Serial No : 94296
Calibration Ref dB(A) : 94.0	Certified Date : Feb 27 2025
SLM Reading / Adjust dB(A) : 93.8/0.0	Expire Date : Feb 25 2026
Cal Sheet No.: CR-515-2025-274	

Time	Equivalent Sound Pressure Level (dB(A))
	Oct 21, 2025
00:00 - 01:00	
01:00 - 02:00	
02:00 - 03:00	
03:00 - 04:00	
04:00 - 05:00	
05:00 - 06:00	
06:00 - 07:00	
07:00 - 08:00	
08:00 - 09:00	79.2
09:00 - 10:00	78.9
10:00 - 11:00	79.0
11:00 - 12:00	79.2
12:00 - 13:00	78.9
13:00 - 14:00	78.7
14:00 - 15:00	78.7
15:00 - 16:00	78.7
16:00 - 17:00	
17:00 - 18:00	
18:00 - 19:00	
19:00 - 20:00	
20:00 - 21:00	
21:00 - 22:00	
22:00 - 23:00	
23:00 - 24:00	
Leq(8)*	78.9
Lmax **	84.8
Standard-8Hr	90 dB(A)
Standard-Max	140 dB(A)

Remark : * Average time between 08:00-16:00

** Maximum Sound Pressure Level between 08:00-16:00


(Miss Katesarin Vorradetwittaya)
Environmental Scientist


(Miss Sununta Sirawuttinanon)
Technical Management Team



Noise Monitoring Result : Working Noise MTR-REN Operation

Location : Electrical Generator	Monitor Period : Oct 21, 2025
SLM Model : SCARLET ST-21D	Serial No : 821078
Site Operator : Mr. Pongsiri Jukkeaw	
Calibrator Model : Cirrus CR:515	Serial No : 94296
Calibration Ref dB(A) : 94.0	Certified Date : Feb 27 2025
SLM Reading / Adjust dB(A) : 93.8/0.0	Expire Date : Feb 25 2026
Cal Sheet No.: CR-515-2025-274	

Time	Equivalent Sound Pressure Level (dB(A))
	Oct 21, 2025
00:00 - 01:00	
01:00 - 02:00	
02:00 - 03:00	
03:00 - 04:00	
04:00 - 05:00	
05:00 - 06:00	
06:00 - 07:00	
07:00 - 08:00	
08:00 - 09:00	70.0
09:00 - 10:00	69.9
10:00 - 11:00	69.8
11:00 - 12:00	69.8
12:00 - 13:00	69.7
13:00 - 14:00	69.7
14:00 - 15:00	69.8
15:00 - 16:00	69.9
16:00 - 17:00	
17:00 - 18:00	
18:00 - 19:00	
19:00 - 20:00	
20:00 - 21:00	
21:00 - 22:00	
22:00 - 23:00	
23:00 - 24:00	
Leq(8)*	69.8
Lmax **	87.6
Standard-8Hr	90 dB(A)
Standard-Max	140 dB(A)

Remark : * Average time between 08:00-16:00

** Maximum Sound Pressure Level between 08:00-16:00


(Miss Katesarin Vorradetwittaya)
Environmental Scientist


(Miss Sununta Sirawuttinanon)
Technical Management Team

ภาคผนวก ง.6

ใบรับรองผลการตรวจวัดระดับความร้อนในพื้นที่ทำงาน



บริษัท ซีคอต จำกัด
SECOT CO., LTD.

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TEL : +66(0) 2959-3600 FAX : +66(0) 2959-3535 E-mail : envserv@secot.co.th

HEAT STRESS MEASUREMENT REPORT

CLIENT NAME : R E N Korat Energy Co., Ltd. REFERENCE NO. : 225046-WBGT-2508-0141
MEASUREMENT BY : SECOT Co., Ltd. INSTRUMENT : WBGT Meter
MEASUREMENT DATE : 21/08/2025 MODEL NO. : JT2011-E2A
SITE OPERATOR : Mr. Pongsiri Jukkeaw SERIAL NO. : 3522210172

LOCATION	TIME	MEASURED TEMPERATURE (°C)					STANDARD (°C) *
		NWB	DB	GT	WBGT	WBGT _{Avg}	
Steam Pipeline	10.00-10.30	27.2	32.3	34.4	29.2	30.7	34.0
	10.30-11.00	28.1	33.9	36.3	30.3		
	11.00-11.30	28.7	34.5	37.3	31.0		
	11.30-12.00	30.2	36.5	38.2	32.4		

(Miss Katesarin Vorradetwittaya)

Environmental Scientist

(Miss Sununta Sirawuttinanon)

Technical Management Team

Remark : 1. Reported analysis refers to submitted sample only.

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3. *WBGT Standard was notified by the Ministerial Regulation of Labor, B.E.2559 (2016).

4. NWB = Natural Wet Bulb Temperature

DB = Dry Bulb Temperature

GT = Globe Temperature

WBGT = Wet Bulb Globe Temperature

5. Work Load : Light work load = 34.0 °C, Moderate work load = 32.0 °C and Heavy work load = 30.0 °C



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HEAT STRESS MEASUREMENT REPORT

CLIENT NAME : R E N Korat Energy Co., Ltd. REFERENCE NO. : 225046-WBGT-2510-0109
MEASUREMENT BY : SECOT Co., Ltd. INSTRUMENT : WBGT Meter
MEASUREMENT DATE : 21/10/2025 MODEL NO. : JT2011-E2A
SITE OPERATOR : Mr. Phongsiri Chakkeao SERIAL NO. : 3522210181

LOCATION	TIME	MEASURED TEMPERATURE (°C)					STANDARD (°C) *
		NWB	DB	GT	WBGT	WBGT _{Avg}	
Steam Pipeline	10.00-10.30	29.3	32.8	33.1	30.4	30.7	34.0
	10.30-11.00	29.3	33.0	33.3	30.5		
	11.00-11.30	29.5	33.3	33.7	30.7		
	11.30-12.00	30.0	34.0	34.4	31.3		

(Miss Katesarin Vorradetwittaya)

Environmental Scientist

(Miss Sununta Sirawuttinanon)

Technical Management Team

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3. *WBGT Standard was notified by the Ministerial Regulation of Labor, B.E.2559 (2016).

4. NWB = Natural Wet Bulb Temperature

DB = Dry Bulb Temperature

GT = Globe Temperature

WBGT = Wet Bulb Globe Temperature

5. Work Load : Light work load = 34.0 °C, Moderate work load = 32.0 °C and Heavy work load = 30.0 °C

ภาคผนวก ง.7

ใบรับรองผลการตรวจวัดความเข้มของแสงสว่าง ในพื้นที่ทำงาน



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LIGHT INTENSITY MEASUREMENT REPORT

CLIENT NAME : R E N Korat Energy Co., Ltd. REFERENCE NO. : 225046-Light-2508-0142
MEASUREMENT BY : SECOT Co., Ltd. INSTRUMENT : Digital Light Meter
MEASUREMENT DATE : 21/08/2025 MODEL : 407026
MEASUREMENT LOCATION : R E N Korat Energy Power Plant SERIAL NO. : A 051050
SITE OPERATOR : Mr. Pongsiri Jukkeaw

LOCATION	AREA / ACTIVITY	TIME	LIGHT INTENSITY (LUX)			
			AVERAGE VALUE		MINIMUM VALUE	
			RESULTS	STANDARD*	RESULTS	STANDARD*
บริเวณ Electrical and Control Building						
Meeting Room	ห้องประชุม	10.45	1,506	300	1,351	150
Control Equipment Room	ห้องควบคุม	10.46	698	200	415	100
Pantry Room	ห้องอาหาร	10.43	403	300	403	150
ห้องน้ำหญิง	ห้องสุขา	10.42	803	100	803	50
ห้องน้ำชาย	ห้องสุขา	10.42	691	100	691	50

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MEASUREMENT BY : SECOT Co., Ltd. INSTRUMENT : Digital Light Meter
MEASUREMENT DATE : 21/08/2025 MODEL : 407026
MEASUREMENT LOCATION : R E N Korat Energy Power Plant SERIAL NO. : A 051050
SITE OPERATOR : Mr. Pongsiri Jukkeaw

LOCATION	AREA / ACTIVITY	TIME	LIGHT INTENSITY (LUX)			
			AVERAGE VALUE		MINIMUM VALUE	
			RESULTS	STANDARD*	RESULTS	STANDARD*
บริเวณ Administration Building						
Reception	ห้องต้อนรับแขก	10.23	706	100	667	50
Labby and Information	ห้องโถง	10.23	810	100	750	50
Electrical Room	ห้องควบคุม	10.24	857	200	847	100
Storage Room	ห้องเก็บของ	10.24	547	100	515	50
Janitor	ห้องเก็บของ	10.25	182	100	182	50
ห้องน้ำหญิง	ห้องสุขา	10.25	454	100	363	50
ห้องน้ำชาย	ห้องสุขา	10.26	405	100	337	50
ห้องน้ำผู้พิการ	ห้องสุขา	10.26	862	100	862	50
ทางเดิน 1	ทางเดินภายในอาคาร	10.27	935	100	893	50
ทางเดิน 2	ทางเดินภายในอาคาร	10.27	707	100	558	50
ทางเดิน 3	ทางเดินภายในอาคาร	10.32	645	100	583	50
Pantry and Canteen	ห้องอาหาร	10.33	1,180	300	1,047	150
Document Room	ห้องเก็บข้อมูล	10.34	1,077	300	1,046	150
Meeting Room 1	ห้องประชุม	10.35	1,497	300	1,266	150
Meeting Room 2	ห้องประชุม	10.36	1,504	300	1,221	150

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LIGHT INTENSITY MEASUREMENT REPORT

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MEASUREMENT BY : SECOT Co., Ltd. INSTRUMENT : Digital Light Meter
MEASUREMENT DATE : 21/08/2025 MODEL : 407026
MEASUREMENT LOCATION : R E N Korat Energy Power Plant SERIAL NO. : A 051050
SITE OPERATOR : Mr. Pongsiri Jukkeaw

LOCATION	AREA / ACTIVITY	TIME	LIGHT INTENSITY (LUX)			
			AVERAGE VALUE		MINIMUM VALUE	
			RESULTS	STANDARD*	RESULTS	STANDARD*
บริเวณ Workshop and Warehouse 1 st Floor						
Mech. Tool Room	ห้องเก็บของ	10.55	403	100	248	50
Storage Room	ห้องเก็บของ	10.57	328	100	286	50
E&I Room	ห้องควบคุม	10.56	447	200	429	100
โรงทางเดิน	โรงทางเดิน	10.52	398	100	212	50
ห้องน้ำหญิง	ห้องสุขา	10.54	555	100	337	50
ห้องน้ำชาย	ห้องสุขา	10.54	606	100	513	50
บริเวณ Workshop and Warehouse 2 nd Floor						
Meeting Room	ห้องประชุม	11.05	1,667	300	1,505	150
Pantry Room	ห้องอาหาร	11.00	1,505	300	1,410	150
ห้องรับประทานอาหาร	ห้องรับประทานอาหาร	11.00	1,403	300	1,383	150
ห้องน้ำหญิง	ห้องสุขา	10.59	558	100	459	50
ห้องน้ำชาย	ห้องสุขา	10.59	520	100	365	50
บันได	บันได	10.56	1,217	100	972	50


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MEASUREMENT DATE : 21/08/2025 MODEL : 407026
MEASUREMENT LOCATION : R E N Korat Energy Power Plant SERIAL NO. : A 051050
SITE OPERATOR : Mr. Pongsiri Jukkeaw

LOCATION	AREA / ACTIVITY	TIME	LIGHT INTENSITY (LUX)	
			RESULTS	STANDARD*
บริเวณ Electrical and Control Building				
Control Room โต๊ะทำงาน 1	เอกสาร / คอมพิวเตอร์	10.43	496	400-500
Control Room โต๊ะทำงาน 2	เอกสาร / คอมพิวเตอร์	10.44	448	400-500
Control Room โต๊ะทำงาน 3	เอกสาร / คอมพิวเตอร์	10.44	440	400-500
Control Room โต๊ะทำงาน 4	เอกสาร / คอมพิวเตอร์	10.44	445	400-500
Control Room โต๊ะทำงาน 5	เอกสาร / คอมพิวเตอร์	10.44	460	400-500
Control Room โต๊ะทำงาน 6	เอกสาร / คอมพิวเตอร์	10.44	492	400-500
Control Room โต๊ะทำงาน 7	เอกสาร / คอมพิวเตอร์	10.44	478	400-500
Control Room โต๊ะทำงาน 8	เอกสาร / คอมพิวเตอร์	10.45	409	400-500
Control Room โต๊ะทำงาน 9	เอกสาร / คอมพิวเตอร์	10.45	441	400-500
Control Room โต๊ะทำงาน 10	เอกสาร / คอมพิวเตอร์	10.45	465	400-500
Control Room โต๊ะทำงาน 11	เอกสาร / คอมพิวเตอร์	10.45	397	400-500



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LIGHT INTENSITY MEASUREMENT REPORT

CLIENT NAME : R E N Korat Energy Co., Ltd. REFERENCE NO. : 225046-Light-2508-0142
MEASUREMENT BY : SECOT Co., Ltd. INSTRUMENT : Digital Light Meter
MEASUREMENT DATE : 21/08/2025 MODEL : 407026
MEASUREMENT LOCATION : R E N Korat Energy Power Plant SERIAL NO. : A 051050
SITE OPERATOR : Mr. Pongsiri Jukkeaw

LOCATION	AREA / ACTIVITY	TIME	LIGHT INTENSITY (LUX)	
			RESULTS	STANDARD*
บริเวณ Administration Building				
โต๊ะทำงาน 1	เอกสาร / คอมพิวเตอร์	10.28	843	400-500
โต๊ะทำงาน 2	เอกสาร / คอมพิวเตอร์	10.28	885	400-500
โต๊ะทำงาน 3	เอกสาร / คอมพิวเตอร์	10.28	855	400-500
โต๊ะทำงาน 4	เอกสาร / คอมพิวเตอร์	10.28	877	400-500
โต๊ะทำงาน 5	เอกสาร / คอมพิวเตอร์	10.28	579	400-500
โต๊ะทำงาน 6	เอกสาร / คอมพิวเตอร์	10.28	716	400-500
โต๊ะทำงาน 7	เอกสาร / คอมพิวเตอร์	10.29	824	400-500
โต๊ะทำงาน 8	เอกสาร / คอมพิวเตอร์	10.29	803	400-500
โต๊ะทำงาน 9	เอกสาร / คอมพิวเตอร์	10.29	802	400-500
โต๊ะทำงาน 10	เอกสาร / คอมพิวเตอร์	10.29	849	400-500
โต๊ะทำงาน 11	เอกสาร / คอมพิวเตอร์	10.29	908	400-500
โต๊ะทำงาน 12	เอกสาร / คอมพิวเตอร์	10.29	826	400-500
เครื่องถ่ายเอกสาร	สำเนาเอกสาร	10.32	332	300-400

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Environmental Scientist

(Miss Sununta Sirawuttinanon)

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LIGHT INTENSITY MEASUREMENT REPORT

CLIENT NAME : R E N Korat Energy Co., Ltd. REFERENCE NO. : 225046-Light-2508-0142
MEASUREMENT BY : SECOT Co., Ltd. INSTRUMENT : Digital Light Meter
MEASUREMENT DATE : 21/08/2025 MODEL : 407026
MEASUREMENT LOCATION : R E N Korat Energy Power Plant SERIAL NO. : A 051050
SITE OPERATOR : Mr. Pongsiri Jukkeaw

LOCATION	AREA / ACTIVITY	TIME	LIGHT INTENSITY (LUX)	
			RESULTS	STANDARD*
บริเวณ Workshop and Warehouse 2 nd Floor				
โต๊ะทำงาน (คุณอนก รินสายชล)	เอกสาร / คอมพิวเตอร์	11.02	981	400-500
โต๊ะทำงาน (คุณรัตพล ศรีสมพร)	เอกสาร / คอมพิวเตอร์	11.02	823	400-500
โต๊ะทำงาน (คุณเอกพล สาธิเสาว์)	เอกสาร / คอมพิวเตอร์	11.02	765	400-500
โต๊ะทำงาน 1 (ว่าง)	เอกสาร / คอมพิวเตอร์	11.02	806	400-500
โต๊ะทำงาน (คุณไพฑูรย์ แพทย์สูงเนิน)	เอกสาร / คอมพิวเตอร์	11.02	583	400-500
โต๊ะทำงาน (คุณสุรศักดิ์ วงศ์คง)	เอกสาร / คอมพิวเตอร์	11.03	583	400-500
โต๊ะทำงาน (คุณสุปรีดี คงสิทธิ์)	เอกสาร / คอมพิวเตอร์	11.03	702	400-500
โต๊ะทำงาน 2 (ว่าง)	เอกสาร / คอมพิวเตอร์	11.03	750	400-500
โต๊ะทำงาน (คุณวิศรา คงอุรินทร์)	เอกสาร / คอมพิวเตอร์	11.03	707	400-500
โต๊ะทำงาน 3 (ว่าง)	เอกสาร / คอมพิวเตอร์	11.03	755	400-500
โต๊ะทำงาน (คุณหทัยกาญจน์ หมั่นสุราช)	เอกสาร / คอมพิวเตอร์	11.04	762	400-500
เครื่องถ่ายเอกสาร	สำเนาเอกสาร	11.04	843	300-400
โต๊ะรับแขก	โต๊ะรับแขก	11.04	559	300-400
Manager Room โต๊ะทำงาน (คุณก้องภพ ทองพิเศษ)	เอกสาร / คอมพิวเตอร์	11.40	930	400-500

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LIGHT INTENSITY MEASUREMENT REPORT

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MEASUREMENT BY : SECOT Co., Ltd. INSTRUMENT : Digital Light Meter
MEASUREMENT DATE : 21/08/2025 MODEL : 407026
MEASUREMENT LOCATION : R E N Korat Energy Power Plant SERIAL NO. : A 051050
SITE OPERATOR : Mr. Pongsiri Jukkeaw

LOCATION	TIME	LIGHT INTENSITY (LUX)					
		AREA 1	STANDARD ^{1/}	AREA 2	STANDARD ^{2/}	AREA 3	STANDARD ^{2/}
บริเวณ Administration Building							
MD Room (โต๊ะทำงาน)	10.30	1,085	400-500	1,064	300	1,052	200
Director Room 1 (โต๊ะทำงาน)	10.31	1,045	400-500	1,083	300	1,092	200
Director Room 2 (โต๊ะทำงาน)	10.32	1,201	400-500	1,189	300	1,110	200


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^{1/} Table 2 The standard of light intensity for employee in working area, using specific sighting for working.

^{2/} Table 3 The standard of light intensity for surrounding area in which the employee works by focusing the eyesight on a specific spot.



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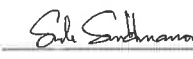
LIGHT INTENSITY MEASUREMENT REPORT

CLIENT NAME : R E N Korat Energy Co., Ltd. REFERENCE NO. : 225046-Light-2510-0110
MEASUREMENT BY : SECOT Co., Ltd. INSTRUMENT : Digital Light Meter
MEASUREMENT DATE : 20/10/2025 MODEL : 407026
MEASUREMENT LOCATION : R E N Korat Energy Power Plant SERIAL NO. : A 041100
SITE OPERATOR : Mr. Phongsiri Chakkeao

LOCATION	AREA / ACTIVITY	TIME	LIGHT INTENSITY (LUX)			
			AVERAGE VALUE		MINIMUM VALUE	
			RESULTS	STANDARD*	RESULTS	STANDARD
บริเวณ Electrical and Control Building						
Meeting Room	ห้องประชุม	13.51	1,423	300	1,351	150
Control Equipment Room	ห้องควบคุม	13.50	442	200	330	100
Pantry Room	ห้องอาหาร	13.52	646	300	646	150
ห้องน้ำหญิง	ห้องสุขา	13.52	695	100	695	50
ห้องน้ำชาย	ห้องสุขา	13.52	650	100	650	50


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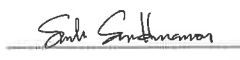
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LIGHT INTENSITY MEASUREMENT REPORT

CLIENT NAME : R E N Korat Energy Co., Ltd. REFERENCE NO. : 225046-Light-2510-0110
MEASUREMENT BY : SECOT Co., Ltd. INSTRUMENT : Digital Light Meter
MEASUREMENT DATE : 20/10/2025 MODEL : 407026
MEASUREMENT LOCATION : R E N Korat Energy Power Plant SERIAL NO. : A 041100
SITE OPERATOR : Mr. Phongsiri Chakkeao

LOCATION	AREA / ACTIVITY	TIME	LIGHT INTENSITY (LUX)			
			AVERAGE VALUE		MINIMUM VALUE	
			RESULTS	STANDARD*	RESULTS	STANDARD*
บริเวณ Administration Building						
Reception	ห้องต้อนรับแขก	13.56	442	100	437	50
Labby and Information	ห้องโถง	13.56	466	100	462	50
Electrical Room	ห้องควบคุม	13.57	550	200	469	100
Storage Room	ห้องเก็บของ	13.57	392	100	377	50
Janitor	ห้องเก็บของ	13.58	161	100	161	50
ห้องน้ำหญิง	ห้องสุขา	13.58	431	100	406	50
ห้องน้ำชาย	ห้องสุขา	13.59	353	100	240	50
ห้องน้ำผู้พิการ	ห้องสุขา	13.59	617	100	617	50
ทางเดิน 1	ทางเดินภายในอาคาร	14.00	684	100	648	50
ทางเดิน 2	ทางเดินภายในอาคาร	14.00	495	100	400	50
ทางเดิน 3	ทางเดินภายในอาคาร	14.01	413	100	388	50
Pantry and Canteen	ห้องอาหาร	14.03	1,111	300	905	150
Document Room	ห้องเก็บข้อมูล	14.04	775	300	724	150
Meeting Room 1	ห้องประชุม	09.00	1,095	300	928	150
Meeting Room 2	ห้องประชุม	14.05	1,205	300	947	150


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Environmental Scientist


(Miss Sununta Sirawuttinanon)
Technical Management Team

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MEASUREMENT BY : SECOT Co., Ltd. INSTRUMENT : Digital Light Meter
MEASUREMENT DATE : 20/10/2025 MODEL : 407026
MEASUREMENT LOCATION : R E N Korat Energy Power Plant SERIAL NO. : A 041100
SITE OPERATOR : Mr. Phongsiri Chakkeao

LOCATION	AREA / ACTIVITY	TIME	LIGHT INTENSITY (LUX)			
			AVERAGE VALUE		MINIMUM VALUE	
			RESULTS	STANDARD*	RESULTS	STANDARD*
บริเวณ Workshop and Warehouse 1 st Floor						
Mech. Tool Room	ห้องเก็บของ	13.27	341	100	311	50
Storage Room	ห้องเก็บของ	13.31	265	100	241	50
E&I Room	ห้องควบคุม	13.42	332	200	310	100
โถงทางเดิน	โถงทางเดิน	13.28	1,126	100	278	50
ห้องน้ำหญิง	ห้องสุขา	13.29	292	100	219	50
ห้องน้ำชาย	ห้องสุขา	13.30	325	100	318	50
บริเวณ Workshop and Warehouse 2 nd Floor						
Meeting Room	ห้องประชุม	13.35	1,281	300	1,202	150
Pantry Room	ห้องอาหาร	13.32	977	300	911	150
ห้องรับประทานอาหาร	ห้องรับประทานอาหาร	13.31	1,007	300	952	150
ห้องน้ำหญิง	ห้องสุขา	13.32	342	100	311	50
ห้องน้ำชาย	ห้องสุขา	13.34	322	100	321	50
บันได	บันได	13.41	503	100	456	50


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CLIENT NAME	: R E N Korat Energy Co., Ltd.	REFERENCE NO.	: 225046-Light-2510-0110
MEASUREMENT BY	: SECOT Co., Ltd.	INSTRUMENT	: Digital Light Meter
MEASUREMENT DATE	: 20/10/2025	MODEL	: 407026
MEASUREMENT LOCATION	: R E N Korat Energy Power Plant	SERIAL NO.	: A 041100
SITE OPERATOR	: Mr. Phongsiri Chakkeao		

LOCATION	AREA / ACTIVITY	TIME	LIGHT INTENSITY (LUX)	
			RESULTS	STANDARD*
บริเวณ Electrical and Control Building				
Control Room โต๊ะทำงาน 1	เอกสาร / คอมพิวเตอร์	13.47	402	400-500
Control Room โต๊ะทำงาน 2	เอกสาร / คอมพิวเตอร์	13.47	401	400-500
Control Room โต๊ะทำงาน 3	เอกสาร / คอมพิวเตอร์	13.47	406	400-500
Control Room โต๊ะทำงาน 4	เอกสาร / คอมพิวเตอร์	13.47	488	400-500
Control Room โต๊ะทำงาน 5	เอกสาร / คอมพิวเตอร์	13.47	422	400-500
Control Room โต๊ะทำงาน 6	เอกสาร / คอมพิวเตอร์	13.44	410	400-500
Control Room โต๊ะทำงาน 7	เอกสาร / คอมพิวเตอร์	13.44	422	400-500
Control Room โต๊ะทำงาน 8	เอกสาร / คอมพิวเตอร์	13.44	416	400-500
Control Room โต๊ะทำงาน 9	เอกสาร / คอมพิวเตอร์	13.44	450	400-500
Control Room โต๊ะทำงาน 10	เอกสาร / คอมพิวเตอร์	13.44	402	400-500
Control Room โต๊ะทำงาน 11	เอกสาร / คอมพิวเตอร์	13.44	427	400-500


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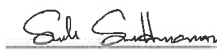
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CLIENT NAME	: R E N Korat Energy Co., Ltd.	REFERENCE NO.	: 225046-Light-2510-0110
MEASUREMENT BY	: SECOT Co., Ltd.	INSTRUMENT	: Digital Light Meter
MEASUREMENT DATE	: 20/10/2025	MODEL	: 407026
MEASUREMENT LOCATION	: R E N Korat Energy Power Plant	SERIAL NO.	: A 041100
SITE OPERATOR	: Mr. Phongsiri Chakkeao		

LOCATION	AREA / ACTIVITY	TIME	LIGHT INTENSITY (LUX)	
			RESULTS	STANDARD*
บริเวณ Administration Building				
โต๊ะทำงาน 1	เอกสาร / คอมพิวเตอร์	14.10	542	400-500
โต๊ะทำงาน 2	เอกสาร / คอมพิวเตอร์	14.10	958	400-500
โต๊ะทำงาน 3	เอกสาร / คอมพิวเตอร์	14.10	500	400-500
โต๊ะทำงาน 4	เอกสาร / คอมพิวเตอร์	14.10	514	400-500
โต๊ะทำงาน 5	เอกสาร / คอมพิวเตอร์	14.10	559	400-500
โต๊ะทำงาน 6	เอกสาร / คอมพิวเตอร์	14.10	540	400-500
โต๊ะทำงาน 7	เอกสาร / คอมพิวเตอร์	14.06	416	400-500
โต๊ะทำงาน 8	เอกสาร / คอมพิวเตอร์	14.06	477	400-500
โต๊ะทำงาน 9	เอกสาร / คอมพิวเตอร์	14.06	537	400-500
โต๊ะทำงาน 10	เอกสาร / คอมพิวเตอร์	14.06	550	400-500
โต๊ะทำงาน 11	เอกสาร / คอมพิวเตอร์	14.06	512	400-500
โต๊ะทำงาน 12	เอกสาร / คอมพิวเตอร์	14.06	511	400-500


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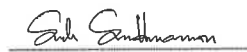
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MEASUREMENT BY	: SECOT Co., Ltd.	INSTRUMENT	: Digital Light Meter
MEASUREMENT DATE	: 20/10/2025	MODEL	: 407026
MEASUREMENT LOCATION	: R E N Korat Energy Power Plant	SERIAL NO.	: A 041100
SITE OPERATOR	: Mr. Phongsiri Chakkeao		

LOCATION	AREA / ACTIVITY	TIME	LIGHT INTENSITY (LUX)	
			RESULTS	STANDARD*
บริเวณ Administration Building (ต่อ)				
โต๊ะทำงาน 1	เอกสาร / คอมพิวเตอร์	14.08	590	400-500
โต๊ะทำงาน 2	เอกสาร / คอมพิวเตอร์	14.07	542	400-500
โต๊ะทำงาน 3	เอกสาร / คอมพิวเตอร์	14.05	515	400-500
เครื่องถ่ายเอกสาร	สำเนาเอกสาร	14.02	400	300-400


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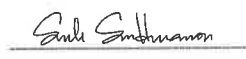
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MEASUREMENT DATE	: 20/10/2025	MODEL	: 407026
MEASUREMENT LOCATION	: R E N Korat Energy Power Plant	SERIAL NO.	: A 041100
SITE OPERATOR	: Mr. Phongsiri Chakkeao		

LOCATION	AREA / ACTIVITY	TIME	LIGHT INTENSITY (LUX)	
			RESULTS	STANDARD*
บริเวณ Workshop and Warehouse 2 nd Floor				
โต๊ะทำงาน (คุณเอก รินสายชล)	เอกสาร / คอมพิวเตอร์	13.40	561	400-500
โต๊ะทำงาน (คุณรัชพล ศรีสมพร)	เอกสาร / คอมพิวเตอร์	13.40	503	400-500
โต๊ะทำงาน (คุณเอกพล สานีเสาว์)	เอกสาร / คอมพิวเตอร์	13.39	550	400-500
โต๊ะทำงาน 1 (ว่าง)	เอกสาร / คอมพิวเตอร์	13.39	573	400-500
โต๊ะทำงาน (คุณไพฑูรย์ แพทย์สูงเนิน)	เอกสาร / คอมพิวเตอร์	13.39	461	400-500
โต๊ะทำงาน (คุณสุรศักดิ์ วงศ์คง)	เอกสาร / คอมพิวเตอร์	13.38	517	400-500
โต๊ะทำงาน (คุณสุปรีย์ คงสิทธิ์)	เอกสาร / คอมพิวเตอร์	13.38	531	400-500
โต๊ะทำงาน 2 (ว่าง)	เอกสาร / คอมพิวเตอร์	13.38	539	400-500
โต๊ะทำงาน (คุณนริศรา คงปิ่นรินทร์)	เอกสาร / คอมพิวเตอร์	13.37	543	400-500
โต๊ะทำงาน 3 (ว่าง)	เอกสาร / คอมพิวเตอร์	13.37	550	400-500
โต๊ะทำงาน (คุณเททัยกาญจน์ หนั่นสุราษฎร์)	เอกสาร / คอมพิวเตอร์	13.37	513	400-500
เครื่องถ่ายเอกสาร	สำเนาเอกสาร	13.36	637	300-400
โต๊ะรับแขก	โต๊ะรับแขก	13.36	504	300-400
Manager Room โต๊ะทำงาน	เอกสาร / คอมพิวเตอร์	13.41	576	400-500
(คุณก้องภพ ทองพิเศษ)				


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